



Katz

Katz School
of Science and Health

Katz School Graduate Academic Catalog 2026-2027

Yeshiva University Katz School of Science and Health

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ABOUT THIS CATALOG

Unless otherwise stated in this document, this catalog supersedes all previous catalogs and academic information and policies and is binding on all Katz School of Science and Health graduate students at Yeshiva University, effective at the time they enroll. It was prepared based on the best information available at the time of publication. The University reserves the right to change tuition, fees, course offerings, regulations, policies, and admission and graduation requirements at any time without prior notice. However, students may continue a course of study in effect at the time they enrolled provided that they complete the program within the specified time period.

This catalog, posted on the YU website, is the official catalog. Printed versions are copies of the catalog. If there are corrections or changes, they will be published on the YU website.

This catalog establishes the general academic policies of the School. Individual program handbooks may include additional policies and requirements mandated by the particular program. Such policies are intended to supplement—and not contradict—the provisions of this catalog. In the event of any difference between this catalog and a program handbook, the program handbook governs.

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- MS in Artificial Intelligence
- MS in Biotechnology Management and Entrepreneurship
- MS in Computer Science
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- MA in Mathematics
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PROGRAM DESCRIPTIONS: HEALTH SCIENCES

- OTD in Occupational Therapy
- MS in Physician Assistant Studies
- MS in Speech-Language Pathology



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WELCOME TO KATZ SCHOOL

The Mordecai D. and Monique C. Katz School of Science and Health at Yeshiva University (Katz School) gives students the opportunity to further their intellectual and professional pursuits and become a part of one of U.S. News and World Report's top 100 universities in the United States. Katz School is committed to delivering a world-class education in emerging and expanding disciplines, to connecting students with thought-leaders and employers in New York City and beyond, and to creating an exemplary student and faculty experience.

Our programs focus on Applied Sciences and Mathematics; Technology, Data, and Design; Health Sciences; and those emerging and expanding professions that are being transformed by technology innovations. Graduate students can earn master's degrees in Applied Statistics, Artificial Intelligence, Biotechnology Management and Entrepreneurship, Computer Science, Cybersecurity, Data Analytics and Visualization, Digital Marketing and Media, Mathematics, Physician Assistant Studies, Quantitative Economics, or Speech- Language Pathology, and doctoral degrees in Computer Science, Mathematics, Occupational Therapy. In each of these highly specialized programs, the curriculum is informed by industry, providing our graduates with tools that will serve them well into their careers.

An Exceptional Education

Whether on campus or online, courses are taught by an exceptional group of faculty, each committed to the principles of quality instruction. Unlike many professionally oriented schools, the faculty endeavor to teach the science and strategies behind the skills, so that students can have a knowledge base that will help them to thrive long after graduation.

Rather than relying on tests and exams, courses are frequently project-based, so that students are evaluated on what they build and do. As a result, students graduate with a portfolio of work that will give them a competitive edge in the job market. Faculty also recognize the critical role of technology in enabling digitally connected and data-rich organizations and therefore incorporate the latest software and lab equipment into their courses.

An Experience that Matters

We challenge each of our students and faculty to lead with values—kindness, honesty, generosity, integrity, and justice towards others—and to leave the world a little better than they found it. We are committed to the belief that it is not only the destination that counts but the values we bring to the journey.

Paul Russo
Vice Provost and Dean, Katz School of Science & Health

YESHIVA UNIVERSITY

Yeshiva University is the world's premier Jewish institution for higher education. Rooted in Jewish thought and tradition, it sits at the educational, spiritual and intellectual epicenter of a robust global movement that is dedicated to advancing the moral and material betterment of the Jewish community and broader society, in the service of God.

In September 2017, Ari Berman was inaugurated as the fifth president of Yeshiva University. He succeeded Richard M. Joel, who was inaugurated in 2003, and Norman Lamm, who had held the office since 1976. President Berman's two other predecessors were Bernard Revel, president from 1915 to 1940, and Samuel Belkin, who served from 1943 to 1975.

Visit <https://www.yu.edu> for more information about Yeshiva University.

UNIVERSITY POLICIES

Equal Opportunity

Yeshiva University has a long-standing commitment to equal opportunity and affirmative action. We apply every good faith effort in achieving nondiscrimination and equality of opportunity in employment and in all spheres of academic life. All University-wide decisions regarding faculty, staff and students are based on equitable and equally applied standards of excellence.

Unlawful harassment procedures have been established, both as a legal obligation under applicable law and as a visible and formal expression of institutional policy. The University's policy is designed to insure that recruitment, hiring, training, promotion, and all other personnel actions take place, and all programs involving students, both academic and non-academic, are administered without regard to race, religion, color, creed, age, national origin or ancestry, sex, marital status, physical or mental disability, veteran or disabled veteran status, genetic predisposition/carrier status, sexual orientation, gender identity and expression, citizenship status, sexual and other reproductive health decisions, or any other characteristic protected by any applicable law, ordinance or regulation. In addition, University policy is designed to maintain a work and academic environment free of harassment and intimidation.

Accreditation

Yeshiva University is accredited by the Middle States Commission on Higher Education and by the appropriate professional agencies: the American Psychological Association, the American Bar Association, the Commission on Accreditation of the Council on Social Work Education, the Association of Institutions of Higher Learning for Jewish Education, and the National Board of License for Hebrew Teachers. The Master of Science program in Speech-Language Pathology is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology (CAA) of the American Speech-Language- Hearing Association. The Occupational Therapy Doctorate program is accredited by the Accreditation Council for Occupational Therapy (ACOTE) of the American Occupational Therapy Association (AOTA). The Accreditation Review Commission on Education for the Physician Assistant (ARC-PA) has placed the Physician Assistant Program on Accreditation-Probation until its next review in March 2026.

Safety and Security

Yeshiva University takes its responsibility for on-campus security very seriously and makes every effort to offer its students, faculty and staff a safe and comfortable environment by working closely with the local community and with law enforcement agencies.

Notice of Access to Campus Crime Statistics, the Campus Security Report, and Information on Registered Sex Offenders

The University's Advisory Committee on Campus Security will provide, upon request, all campus crime statistics as reported to the U.S. Department of Education. The U.S. Department of Education maintains campus crime statistic information on its website at <https://ope.ed.gov/campusafety/#/>. In addition, the University's annual security reports, which includes all campus crime statistics, and the University's annual fire safety reports are available on the University's website at <https://www.yu.edu/safety-security/policies-procedures-reports> or may be obtained from the University's Chief of Security, Paul Murtha (212-960-5221/security@yu.edu). The annual security report for each campus includes: (i) campus crime statistics for the most recent calendar year and the two preceding calendar years; (ii) campus policies regarding procedures and facilities to report criminal actions or other emergencies on campus; (iii) policies concerning the security of and access to campus facilities; (iv) policies on campus law enforcement; (v) a description of campus programs to inform students and employees about campus security procedures and practices and to encourage students and employees to be responsible for their own security and the security of others; (vi) campus crime prevention programs; (vii) policies on illegal drugs and alcohol; (viii) where information provided by the State on registered sex offenders may be obtained; and (ix) policies on campus sexual assault programs aimed at the prevention of sex offenses and procedures to be followed when a sex offense occurs.

While we hope that emergency events on campus are unlikely, it is vital to be prepared to react appropriately during emergencies to ensure your safety. To get prepared and learn about emergency response at Yeshiva University, visit our Emergency Readiness website: <https://www.yu.edu/safety-security/emergency>.

Non-Discrimination and Harassment

Yeshiva University complies with all federal, state and local regulations governing Non-Discrimination and Harassment including Title VII of the Civil Rights Act of 1964 and Title IX of the Education Amendments Act of 1972. In keeping with its long-standing traditions and policies, Yeshiva University provides equal opportunity for faculty, staff and students within admissions and employment, and those seeking access to programs based on individual merit. University-wide policies and procedures pertaining to discrimination and harassment have been established, both as a legal obligation under applicable law and as a visible and formal expression of institutional policy. The University's Nondiscrimination and Anti-Harassment Policy and Complaint Procedures can be found online at <https://www.yu.edu/student-life/resources-and-services/policies>. This policy includes information about filing a report, seeking a response and options for confidential disclosure. The University will respond to all complaints promptly, thoroughly, and impartially.

Retaliation is prohibited against anyone who filed and/or participated in the investigation of a complaint, even if the complaint is unsubstantiated. When warranted, the University will take appropriate, corrective action to remedy all violations of this policy, up to and including termination and/or expulsion. Administrative and investigative responsibility relating to enforcement of the policy has been assigned to the University's Title IX Coordinator, Dr. Chaim Nissel, at (646) 592-4201. To contact the Title IX office, please email titleix@yu.edu. For additional information, please visit www.yu.edu/titleix.

Accommodations for Students with Disabilities

The Office of Disability Services assists students with documented disabilities or medical conditions in obtaining reasonable accommodations. Some of the disabilities accommodated include physical, emotional or learning disabilities, ADHD, hearing impairments, and visual impairments. Visit the following website for more information about documentation guidelines and available accommodations: <https://www.yu.edu/student-life/resources-and-services/disability-services/students>.

Students who wish to request accommodations for a documented disability that affects his/her academic performance and students who suspect that they may have a disability are encouraged to contact the Office of Disability Services:

- Beren Campus: Rochelle Kohn, (646) 592-4132 /berenODS@yu.edu
- Wilf Campus: Abigail Kelsen, (646) 592-4280 /wilfODS@yu.edu
- Resnick Campus: Rochelle Kohn, (646) 592-4132 /berenODS@yu.edu

Student Conduct and Student Rights

Please visit <https://www.yu.edu/student-life/resources-and-services/Standards-Policies> and review the University policies on student conduct and student rights, including:

- Behavior Policy for Athletics
- Anti-Bullying and Hazing Policy for Students
- Credit Card Marketing Policy
- Drug and Alcohol Policy
- Medical Form
- Requirements for Working with Minors
- Romantic Relationships Policy
- Sexual Assault Student Bill of Rights
- Title IX (Non-Discrimination and Anti-Harassment Policy)
- YU Student IT Handbook

Additional student consumer information can be found at: <https://www.yu.edu/oir>.

Privacy

In accordance with the provisions of the Family Educational Rights and Privacy Act of 1974, as amended (Section 438 of the General Educational Provisions Act, 20 USC 1232g), also known as “FERPA,” Yeshiva University has adopted certain policies to protect the privacy rights of its students with respect to their education records. FERPA affords students certain rights of access to their education records. FERPA also limits the persons to whom the University may disclose a student’s education records and permits certain disclosure without the student’s written permission. Please visit the Office of the Registrar or its website at <https://www.yu.edu/ferpa> to obtain the Yeshiva University FERPA Policy Statement.

Use of the University’s Name

The name and logos of Yeshiva University, as well as of its constituent schools (the “Marks”), are owned by Yeshiva University. Students may use the Marks to identify their attendance at Yeshiva University and/or its constituent schools but may not use their University status (or any of the Marks) in any manner which could be construed as implying University (or school) endorsement of any statement, product or service. Any other use of the Marks or any of their components in print or digital/electronic media (including on any product or service) is prohibited without written permission from the Office of the General Counsel.

For use of the Marks by official student organizations and clubs, please see “Use of Yeshiva University Marks by Student Organizations and Clubs”.

Program Codes

All programs are registered by the New York State Education Department and meet its educational requirements.

HEGIS Code	CIP Code	Title	Degree
1701.00	27.0304	MA and PhD in Mathematics	Master of Arts (STEM)
1902.00	27.0103	MA in Physics	Master of Arts (STEM)
1702.00	27.0301	MS in Applied Statistics	Master of Science (STEM)
0701.00	11.0102	MS in Artificial Intelligence	Master of Science (STEM)
0499.00	51.0720	MS in Biotechnology Management and Entrepreneurship	Master of Science (STEM)
0701.00	11.0701	MS and PhD in Computer Science	Master of Science (STEM)
0701.00	11.1003	MS in Cybersecurity	Master of Science (STEM)
0702.00	30.7101	MS in Data Analytics and Visualization	Master of Science (STEM)
1208.00	51.2306	Occupational Therapy Doctorate	Doctorate in Occupational Therapy (HEALTH)
1299.10	60.0902	MS in Physician Assistant Studies	Master of Science (HEALTH)
1220.00	51.0203	MS in Speech-Language Pathology	Master of Science (HEALTH)

ACADEMIC POLICIES, STANDARDS AND EXPECTATIONS

Academic Calendar

Yeshiva University operates on the semester system. The academic year consists of three semesters: two 15-week semesters (fall and spring) and one 10-15-week semester (summer); the semester length includes examinations and/or final projects. The fall term runs from late August or early September to the end of December; the spring term runs from late January to late May. The summer term runs from late May to mid-August. Classes may meet Sunday through

Friday. The Academic Calendars for Fall, Spring and Summer can be found online at <https://www.yu.edu/registrar/grad-calendar/>.

Attendance

For programs that meet in face-to-face format, students are expected to attend all scheduled classes in their entirety. Students who fail to fulfill this requirement will receive an academic penalty appropriate for the course work missed.

Students may not miss 20% or more of their scheduled class. If a student misses 20% or more of a course during the semester, they will receive a final grade of "F." This grade will be reflected on the student's official university transcript.

Attendance policies in the Health Science programs differ from other programs in Katz School. Attendance policies specific to Health Science programs are as follows:

- Speech Language Pathology (SLP): In the SLP program, students may not miss 20% or more of any course. If a student misses 20% or more of a course during the semester (equal to 2 absences), they will receive a final grade of "F." This grade will be reflected on the student's official university transcript.
- Physician Assistant (PA): In the PA program, students may not miss 10% or more of any course. If a student misses 10% or more of a course during the semester, they will receive a final grade of "F." This grade will be reflected on the student's official university transcript.
- Occupational Therapy (OTD): In the OTD program, students may not miss 10% or more of any course. If a student misses 10% or more of a course during the semester, they will receive a final grade of "F." This grade will be reflected on the student's official university transcript.

Attendance for clinical externships, affiliations, internships, or rotations are regulated by each academic program.

If the student is absent because of a disability which is documented with the Office of Disability Services at Yeshiva, falls ill or there are other extenuating circumstances, the student must inform the instructor in advance. The instructor may require appropriate documentation to make any exception to this policy.

Time Limitations

A student must complete the requirements for the master's or doctoral degree within five years of the first semester the student enrolled in the program, unless the program requires more or less time. Students who go beyond this limit will need permission from their Academic Dean and/or Program Director to continue their studies in Katz School. If permitted to continue, these students may be required to take additional, more current, coursework.

Course Load

To be considered a full-time Katz School graduate student, the student must be enrolled in at least 9 credits during a 15-week semester. Students taking 6 to 8.9 credits are considered half-time, and students taking 0.1 to 5.9 credits are considered part-time. Students with low academic averages may be subject to restriction on their course load. There also may be financial aid implications for falling below full-time status.

Grades

Students may access their grades at <https://www.yu.edu/registrar/registration> To view grades:

1. Log in with your Banner ID
2. Click on "Student and Financial Aid"
3. Click on "Student Records"
4. Click on "Final Grades" and select the appropriate term

Description of Grades

There are two categories of grades that can be recorded on a student's transcript. Academic grades note academic achievement in a course of study; administrative grades note a student's status in a course of study.

ACADEMIC GRADES				ADMINISTRATIVE GRADES	
Quality of Performance	Letter Grade	Range %	GPA/ Quality Pts.	GRADE	DESCRIPTION
Excellent/ Very Good	A	94- 100	4.000	G	Stopped attending without filing an official withdrawal form (counted as failure)
	A-	90 – 93.9	3.667	I	Incomplete
Good	B+	87 – 89.9	3.333	L	Audit (no credit)
Satisfactory,	B	83 – 86.9	3.000	W	Withdrawal without penalty or prejudice
Below Average, need improvement	B-	80 – 82.9	2.667	Note that credit is given only for grades A through C and P. No credit is given for grades F, G, I, L, N, or W.	
Poor	C+	77 – 79.9	2.333		
	C	70 – 76.9	2.000		
Failure	F	< 70	.000		

P is used for independent study courses at YU and for approved-for-credit internships. Academic Deans and/or Program Directors must approve whether a student can take a course graded under the A/P/N option before the student begins the course.

I grades may be issued to accommodate unavoidable delays in the completion of course requirements. A student receiving an **I** grade must have completed at least 50% of the course with a minimum of a B-. The student and faculty must come up with an agreed upon plan and timeline for completion of the coursework. This will be documented and signed by the faculty and student. Once the agreement has been signed, it will go to the Academic Dean and/or Program Director for review and potential approval. If the course work is not submitted by the agreed upon date, the "I" will be changed to an "F".

W (withdrawal) from a course after the last date to drop a course without permission requires filing an Add-Drop Form with the Office of the Registrar and written permission of the Office of the Dean.

When the numerical value is multiplied by the credit value of a course, the resulting figure is the number of quality points. The student's average is computed by dividing the number of quality points earned by the total number of credits completed with a grade of A through G. The average is truncated to the third decimal place.

Appeal of Final Grade

If a student believes a grade is incorrect, he/she should meet with the instructor. If the instructor chooses to change the grade, they will complete a Change of Final Grade form and send to the Office of the Registrar. The instructor has

final say on all grade changes except in extraordinary circumstances. Requests for grade changes must be submitted within one academic year following the end of the semester in which the grade was assigned.

A final grade may also be changed by the instructor for a computational error or clerical recording error.

Prerequisites for Admissions

To receive credit for a prerequisite course, a student must have received a B or better in the course. Exceptions can be made at the discretion of the Academic Dean and/or Program Director. However, individual programs may require higher grades. Individual program sections of this catalog may include additional or higher prerequisite requirements, and students should consult their specific program section for accurate details.

A course may not be taken if the student has not received the minimum grade required in a prerequisite course. The student must repeat the prerequisite course, or an acceptable substitution approved by the Academic Dean and/or Program Director.

Transfer of Credit

At the discretion of the Academic Dean and/or Program Director, up to 9 credits towards the graduate degree may be transferred from an outside institution. Exceptions can be made with the approval of the Academic Dean and/or Program Director and Dean/Dean's appointee.

Any student seeking to transfer credit from another institution must submit a completed Transfer of Credit Form to the Office of the Registrar. The form must be approved and signed by the Academic Dean and/or Program Director and must be accompanied by an official transcript reflecting the final grade, as well as any required course descriptions or syllabi.

For coursework completed prior to matriculation, the Transfer of Credit Form must be submitted during the student's first semester of enrollment. For coursework completed after matriculation, the form must be submitted at the beginning of the immediately following semester.

Approval of transfer credit is granted solely at the discretion of the Academic Dean and/or Program Director. Only graduate coursework will be accepted as transfer credit. Credit will not be granted for any course transferred from another institution with a grade below B or for a Pass/Fail course. Courses that are transferred will not factor into the student's GPA in Katz School graduate program.

No transfer credit is accepted by the PA or OTD program.

Change of Program

Students who wish to change from one Katz School degree program to another must submit a formal application through the Office of Admissions. Admission to a new program is not automatic and is subject to review and approval by the receiving Academic Dean and/or Program Director.

Students seeking to change programs will be evaluated under the admission standards in effect for the new program at the time of application. The review will include the student's full academic record, including academic performance within the original Katz School program.

Transfer of previously completed coursework within the Katz School is not guaranteed and is subject to the discretion of the receiving Academic Dean and/or Program Director. Only graduate-level coursework completed with a grade of B or higher may be considered for transfer. Courses completed with a grade below B or on a Pass/Fail basis will not be eligible for transfer.

Students who have been dismissed from a Katz School program are not eligible to change programs.

Waiver/Substitution of a Required Course

In some cases, where students can show proof of relevant work experience, an Academic Dean and/or Program Director may grant the student a waiver for the required course. Students who wish to receive a waiver for a course requirement or substitute a program elective for a required course must submit a request form to the Office of the Registrar by the end of the student's first semester. Students who are waived from a required course will not receive credit for the course but will no longer have to fulfill that course to meet graduation requirements. There will be no waiver or substitution of courses in the PA or OTD curriculum. Students must complete all courses in the SLP, PA and OTD programs.

Registration

Before their first semester, incoming graduate students will be provided with instructions by the school on how to register for their courses. Continuing students will register online through YU Portal (<https://insidetrack.yu.edu>). Continuing students are expected to register each semester during the specific registration period; registration dates will be published in the Academic Calendar. Students who register outside of the designated registration period may be subject to late registration fees.

Semester Credit Limitations

Full time graduate students enrolled in STEM programs should register for 9 credit hours per semester. With permission from the Academic Dean and/or Program Director, they may take up to 12 credit hours per semester. Requests to exceed this 9 credit limit must be approved by the Academic Dean and/or Program Director and are granted only in exceptional circumstances. This limitation does not apply to graduate Health programs.

Continuous Status

Students must maintain continuous registration with the program until graduation, including registering for research requirements (as specified by individual programs). Any student who neither registers nor secures an official leave of absence for three consecutive semesters will be withdrawn from the Katz School. **Summer semesters are excluded from the consecutive semester calculation.**

Cross-Campus Registration

In certain cases, and with the permission of the Academic Dean and/or Program Director, students may be eligible to take a course at another Yeshiva University school. The student is responsible for paying tuition to the host school unless a previous agreement is arranged between the host and home school and is approved by the Office of Student Finance. Any student who wishes to take a course at another YU school must notify the Office of the Registrar prior to the beginning of the semester and receive written approval from his/her Academic Dean and/or Program Director and other appropriate YU administrators. The Academic Dean and/or Program Director will indicate if the course will count towards the student's program degree requirements, and if so, which requirement it fulfills. Only graduate level courses can be applied toward the program degree requirements. The host school may require the completion of additional forms.

Course Auditing

Katz students may be eligible to audit a course in another Katz program with the permission of the Academic Dean and/or Program Director of the other program and other YU administrators. The University does not permit a student to audit or sit in on classes the student is not officially registered for.

Independent Study

An independent study is an individualized project/course conducted in some programs under the guidance and supervision of a faculty advisor with the approval of the Academic Dean and/or Program Director. A request to take an independent study may be granted only under the following circumstances:

- To pursue a specialized topic that is not offered under the program's course listings.
- When a student is prevented from graduating because a required course is no longer offered

Students interested in completing an independent study must submit the Application for Independent Study to the Office of the Registrar. The form should be filled out by both the student and the faculty advisor and signed by the Academic Dean and/or Program Director.

Directed Study

Students in certain programs who need to take a course listed in the catalog during a semester in which the course is not offered may be permitted to take that course through directed study.

To request a directed study:

- The student must seek permission from the Academic Dean and/or Program Director and work under the supervision of a faculty sponsor. The student will be responsible in finding a sponsor for their work.
- During the regular registration period for the semester in which the student plans to do the work, the student must submit an Application for Directed Study Form to the Office of the Registrar. The faculty sponsor must list required examinations and papers and describe the nature of the direct supervision of the student.
- The Academic Dean and/or Program Director considers each application and must approve it before directed study work begins.
- At the end of the term, the faculty sponsor should submit a grade to the Office of the Registrar. The course is listed on the student's record with its regular number and title.

Except under the most unusual circumstances, a student may take only one directed study course per semester. Directed study may, in exceptional cases, be done during the summer. Regular per credit tuition is charged.

Directed studies are treated as regular courses and are counted as part of the student's regular workload. If the work is not completed, the student must withdraw within regular deadlines. If the work is not completed at the conclusion of the semester, the student may apply for an extension and, if approved, will temporarily receive a grade of Incomplete. See the "Grades" section for more information about Incomplete grades.

Withdrawal from a Course

Students may drop classes through Inside Track from the start of the designated registration period until the "last day to drop a course" as listed on the Academic Calendar. Students will be required to fill out an Add/Drop Form found on the Registrar's website. If permission is granted to withdraw from a course after the allowed date, the course is listed on the permanent record with a grade of "W". Students should be aware of the refund dates for each semester. Students may not receive a full refund for courses dropped even if they are dropped before the "last day to drop a course without a W". See the "Grades" section for more information about Withdrawal.

The typical Fall/Spring/Summer tuition refund schedule is listed below. Please note that registration and other fees will not be refunded.

COURSE WITHDRAWN BY:	PERCENT OF TUITION REFUNDED:
1 st week of semester	100%
2 nd week of semester	75%
3 rd week of semester	50%
4 th week of semester	25%
After 4 th week	0%

Please see the Office of Student Finance website for more details about the tuition refund schedule and fees:
<https://www.yu.edu/osf/contact>

Eligibility for Graduation

In order to be eligible for a degree, students must complete all required coursework and other requirements for the specific program as published in the Academic Catalog for the semester in which the student first enrolled. Students who fail to complete all requirements before the date of degree conferral will need to re-apply for the next possible degree date. Graduate students must have a minimum cumulative 3.0 GPA to graduate unless their specific program requires a higher GPA. Individual exceptions may be made with the approval of the Academic Dean and/or Program Director and Dean.

Degrees are conferred in September, January, and May each year. A student applies for a degree by filing an Application for Graduation Form in the Office of the Registrar. Students will not be eligible to receive a degree unless they have submitted the Application for Graduation Form by the appropriate deadline as published in the Academic Calendar.

Should the degree not be awarded at that degree date, a new application must be filed prior to the degree date deadlines thereafter until the degree is awarded. Graduation fees paid initially remain valid for two (2) years and need not be paid again unless more than two (2) years elapses between payment and award of degree.

Students are bound by the curriculum that was in effect during the first semester they enrolled in the program. Students are responsible for meeting regularly with their academic advisors and checking their unofficial transcripts to ensure they are on track to graduate.

Academic Distinction

A graduate degree is awarded with distinction to students who have earned a cumulative grade point average (GPA) of 3.800 or higher at the time of degree conferral, based on all institutional coursework applied toward the degree. The designation "With Distinction" will be recorded on the student's official transcript.

Diplomas

Diplomas will be mailed to the address students list on the Application for Graduation Form within 90 days from the degree conferral date. The last name on the student's diploma must match the last name on the student's record at the School. Duplicate or revised diplomas can be secured under certain circumstances. The acceptable reasons for a duplicate diploma request are listed here:

<https://www.yu.edu/sites/default/files/legacy/uploadedFiles/Academics/Registrar/Forms/YC/Duplicate%20Diploma%20Request%20Form.pdf>. More information is available on the Office of the Registrar website at www.yu.edu/registrar.

Records and Transcripts

Students may generate unofficial transcripts at no cost in the Office of the Registrar or online at <https://www.yu.edu/registrar/registration>. Current or former students who want official transcripts should visit www.yu.edu/transcript, where they can find information about fees, regulations, and procedures governing the issuance of official transcripts.

A student's official records are sent only in the form of a complete transcript. No partial records are sent. Transcripts list courses in progress without grades. Students who believe there is an error in their academic record (e.g., in a grade, average, credit value, or course) must promptly contact the Office of the Registrar (see www.yu.edu/registrar for contact information).

Change of Name or Address

A student who wishes to change either a first or last name on School records must file a Request for Change of Name on School Records Form in the Office of the Registrar. Students who change their home or local residences are required to notify the Office of the Registrar within 10 days by updating their addresses and phone numbers online at

<https://www.yu.edu/registrar/registration>. A student is responsible for all mail sent to the old address if his/her address has not been updated.

SATISFACTORY PROGRESS POLICIES

Good Academic Standing

All students must maintain a minimum grade point average of 3.0 cumulatively and must make satisfactory progress toward a degree within the time frames detailed in the Time Limitations provision. All students must meet these standards of good academic standing and satisfactory academic progress. Students not meeting these standards will then be designated as “on probation,” with the expectation that the student will return to good academic standing by the end of the following semester. Students on probation may lose any scholarships that have been awarded and may become ineligible for financial aid. These standards are applicable to all students. They are required for certification by New York State for financial assistance under Section 145-2.2 of the Regulations of the Commissioner of Education and are required by federal regulations to receive aid under Title IV of the Higher Education Act.

Students on probation may also be restricted from participating in certain optional academic or employment-related opportunities, including but not limited to graduate assistantships, student employment positions, research roles, and leadership positions in student organizations or University-sponsored activities. Academic Deans and/or Program Directors will hold final decision on any above-mentioned restrictions.

Academic Probation and Dismissal

Good Academic Standing: Students are always expected to remain in good academic standing in their respective programs. Not remaining in good academic standing changes the student’s status to “on probation,” with the expectation that the student will return to good academic standing by the end of the following semester. Not being in good academic standing may result in dismissal from the University, and/or a change to Financial aid.

Health Science programs, including Speech-Language Pathology, Physician Assistant, and Occupational Therapy, may have their own specific standards and procedures for academic standing, probation (academic and clinical), repeating courses, and dismissal, which reflect the professional requirements of those disciplines and accreditation requirements. These policies are outlined in the individual program handbooks, which take precedence over general school policies. Students enrolled in such programs are held accountable to the standards and procedures specified in their respective handbooks.

Dismissal at the End of the First Semester: If in the first semester of study, a student earns an “F” grade (fails a course), two “C” grades (“C” or “C+”), or has a cumulative GPA below 3.000, the student may be dismissed from the program.

Probation: A student who earns an “F” grade (fails a course), two “C” grades (“C” or “C+”) or has a cumulative GPA below 3.000 or a GPA below 3.000 for any semester will be placed on academic probation beginning in the following semester (if not otherwise dismissed from the program). A student on probation will have to improve their cumulative GPA to at least 3.000 by the end of the semester. Failure to achieve a cumulative GPA of at least 3.000 or receiving an F or two “C” grades (“C” or “C+”) may result in dismissal from the Program.

Probation Advisement Process

In general, students who are “on probation” will receive a letter from the Academic Dean and/or Program Director that outlines the reason for the academic probation and a date for a performance review meeting with the Academic Dean and/or Program Director or the student’s advisor. After the meeting, the student will be provided with a letter outlining a success plan by the Academic Dean and/or Program Director, the terms of which must be met by the student, in order to return to good academic standing. The student must sign and return the letter acknowledging their understandings and responsibilities. The signed letter is sent to the Katz Registrar for processing. In the event that the student does not receive a letter from the Academic Dean and/or Program Director to initiate probation advisement

process, it is the student's responsibility to reach out to the Academic Dean and/or Program Director or their advisor to initiate the process.

Where applicable, during their academic probation students may not be permitted to apply for an externship or internship or attend an externship or internship they already received.

Academic probation is documented on the student's transcript. Being placed on academic probation may impact a student's financial aid. Please contact the Office of Student Finance for more information.

Making Up an "F" grade (failing a course): If a student receives an "F" grade in any of their courses, the student (if not dismissed from the program) must repeat and pass the same course. The grade earned from the repeated course will replace the "F." The "F" will remain on the student's transcript but will not be included in their cumulative GPA. If a student fails the repeated course(s), the student may be dismissed from the program.

CHANGES OF STATUS

Katz School requires the student to be continuously enrolled each semester as required by the student's program until their degree is granted. To maintain continuous enrollment, students must register each semester required by their individual program or take a leave absence.

Leave of Absence

Students who wish to leave the University temporarily should contact the Office of the Registrar for a leave of absence application.

Prior to the start of a semester, students who intend to absent themselves from the University for the semester must file a Leave of Absence Form. The form should be filed by the end of the Add Period (usually the end of the first week of the semester). Students may be granted a leave of absence for up to one semester per 12-month period.

Students who receive federal financial aid should be aware that, under federal Title IV regulations, an approved leave of absence may not exceed 180 days within any 12-month period. Exceeding this federal limit may result in the student being considered withdrawn for financial aid purposes.

Students should also review the Continuous Status policy for additional information regarding registration requirements and withdrawal from the University.

Additionally, students who absent themselves for two or more consecutive semesters may need to apply for readmission. Please consult with your School, as each School may have independent readmission policies.

Please Note: Immigration regulations require that students in F-1 status register and attend school full-time every semester. Please contact the Office of International Students and Scholars (OISS) before dropping below full-time or if you are considering a leave of absence.

Official Withdrawal

If a student chooses to withdraw from their program, they must fill out the Official Withdrawal Form and submit it to the Registrar's Office. If the student is registered for courses at the time of withdrawal, they will be subject to refund amounts as outlined in the academic calendar. Based on the timing of the student's withdraw, the student may receive a **W** on their transcript. The school's academic calendar may be referenced for specific dates.

Students who are registered for courses at the time of their withdrawal will be subject to the tuition refund rates in effect on the date of their withdrawal. Before the student withdraws from a program, the student must contact the

Office of Student Finance regarding deadlines for tuition reimbursement and to address related financial responsibilities.

Procedures for Removal

When it comes to the attention of any member of the University community that a student may pose a threat to the health and safety of themselves and/or others, he/she should immediately take reasonable steps to notify his/her supervisor, the applicable Academic Dean and/or Program Director and/or the Dean of the School. (If so notified, the supervisor and Dean should in turn notify the applicable Academic Dean and/or Program Director.) The Academic Dean and/or Program Director then should take immediate action to assess the nature and magnitude of the threat to the student and to others, which may involve consultation with others including counseling and other relevant support services. In accordance with applicable law and regulations, procedures should be followed to ensure that a student considered for involuntary leave is not subject to an adverse action based on unfounded fears, prejudice, or stereotypes. A psychological, psychiatric, or medical evaluation by a healthcare provider may be necessary to determine if an involuntary leave of absence is necessary or appropriate. The student may be asked to provide relevant psychological or medical records from his/her healthcare provider.

To the extent practicable, a student whose involuntary leave is under consideration will be informed in person, if practical, or in writing, and will be provided with an opportunity to be heard in an interview with the appropriate counseling staff and/or administrative official prior to any such decision.

A student who is placed on involuntary leave may appeal the decision to the Dean within 10 business days of the decision. The appeal should be in writing and set forth the basis for the appeal. The Dean or his/her designee will review the appeal and his/her decision will be considered final.

In cases of a safety emergency, a student may be removed from the University campus. To the extent practicable, the student will be provided with notice and an opportunity to be heard in an interview with the appropriate counseling staff and/or administrative official prior to any such decision. The student also may appeal the decision as set forth in the preceding paragraph.

The University reserves the right to make appropriate arrangements regarding the health and safety of the student.

A student placed on involuntary leave must remain off campus for the duration of their leave. A student on involuntary leave may not visit the campus or any other facility owned by the University without written approval from a University official.

The School will notify all relevant parties of the leave of absence and/or removal from campus.

A student's continuance on the rolls of the University; the receipt of academic credits, honors, and awards; graduation; and the conferring of any degree, diploma, or certificate upon a student are entirely subject to the disciplinary powers of the University and to the student maintaining high standards of ethical and academic conduct.

A student's academic standings may be changed to "on probation" or the student may be dismissed at the discretion of the Dean at any time for infringement of these standards.

Readmission after Withdrawing from the University

A student who neither registers nor secures an official leave of absence for any semester will be considered to have withdrawn from the School. A student who wishes to resume studies may have to apply for "readmission." Students who withdrew (whether voluntarily or involuntarily) from the School and wish to apply for readmission must follow the regular admissions procedures. Their admission will be subject to the program admissions criteria in effect at the time of application for readmission.

CODE OF ETHICS

Academic Integrity

The submission by a student of any examination, course assignment, group work, or degree requirement is assumed to guarantee that the thoughts and expressions therein not expressly credited to another are literally the student's own. Evidence to the contrary will result in appropriate penalties, described below.

Cheating on Assignments and/or Exams

Cheating is an affront to academic integrity and ethics. Any instance of dishonesty undermines your work and the work of your classmates and the University.

Plagiarism

In defining plagiarism, this policy distinguishes between Intentional Misrepresentation (which is deemed to constitute plagiarism) and Misuse of Sources. These are two clear extremes, but this policy also recognizes that there can be a continuum between them.

Intentional Misrepresentation occurs when a student deliberately uses someone else's language, ideas, or other original (not common knowledge) work without acknowledging the source. Examples include but are not limited to when a student submits an Assignment that: a) is downloaded from an Internet source and/or obtained from a paper mill; b) is obtained from someone else (including another student); c) contains part or all of the writings of another person (including another student), without acknowledgment of the source; or d) contains passages that were cut and pasted from an Internet source, without acknowledgement of the source.

Misuse of Sources is the unintentional misappropriation of the language, ideas, and work of others due to a lack of understanding of the conventions of citation and documentation, including paraphrasing, quoting, and the parameters of common knowledge.

Students are responsible for knowing how to quote from, paraphrase, summarize, and cite sources correctly. However, when a student has attempted to acknowledge a source but has not done so fully or completely, the instructor, perhaps in consultation with other faculty, administrators, or an academic integrity panel, may determine that the issue is Misuse of Sources or unsuccessful writing, rather than Intentional Misrepresentation.¹

Other Violations of Academic Integrity

In addition to cheating and plagiarism, other examples of academic integrity violations include, but are not limited to:

- Assisting or attempting to assist another student in an act of academic dishonesty.
- Providing papers, essays, research, or other work to aid another student in Intentional Misrepresentation.
- Engaging in unauthorized cooperation with other individuals in completing assignments or examinations.
- Submitting the same assignment, in part or whole, in more than one course, whether at YU or another institution, without prior written approval from both faculty members.
- Submitting fraudulent documents during the admissions process or afterwards.
- Impersonating another person's identity, including, but not limited to faculty member, staff, student, etc.

Use of Generative Artificial Intelligence (AI)

The use of generative artificial intelligence (AI) tools may be permitted at the discretion of the instructor. Students are responsible for following the instructor's guidelines regarding the use of AI for each assignment or course.

If a student uses AI tools in completing any academic work, the student must clearly disclose that use, even if the use was permitted.

Failure to disclose the use of AI tools when completing academic work constitutes a violation of academic integrity and may be treated as Intentional Misrepresentation under this policy.

Penalties and Procedures for Violating Academic Integrity Standards

Accordingly, students or student groups, who act in a dishonest manner by cheating or plagiarizing on any examination, course assignment, or degree requirement are subject to penalties under the following procedures. Students working on a group or team assignment who are found violating academic integrity standards shall ALL be considered in potential violation. Each student's role in the violation shall be individually reviewed by the Academic Dean and/or Program Director and faculty; however, the group may be held accountable as may be determined by the Academic Dean and/or Program Director and faculty.

Please Note: If a faculty member determines that a student or student group unintentionally misused sources on an assignment, he/she/they may lower the grade on the assignment in question (including lowering to a grade of "F"). No additional penalty should be imposed.

Academic Integrity Violation Review and Appeal Policy

Reporting an Alleged Violation

Any member of the Yeshiva University community may initiate a report of suspected academic integrity violations, including cheating, plagiarism, or other forms of misconduct. Reports should be submitted as soon as possible, and (to the extent possible) no later than 5 business days after the incident occurred.

Reports may be made directly to the applicable Academic Dean and/or Program Director using the official Incident Report Form, or may be submitted to a faculty member. In such cases, the faculty member is responsible for forwarding the report and any supporting information to the Academic Dean and/or Program Director within 5 business days of receiving the complaint. The Academic Dean and/or Program Director will then initiate an investigation in accordance with the procedures outlined below.

Step 1: Initial Review by Academic Dean and/or Program Director

- The Academic Dean and/or Program Director will meet individually with the reporting person and/or faculty member and the student accused of violating the integrity policy to review the relevant evidence.
- The Academic Dean and/or Program Director must complete their review and issue a written determination within 10 business days of receiving the report. This determination will include: a summary of the evidence, the charges (if any), and the penalties (if applicable).
- The Academic Dean and/or Program Director will send this written determination to the student.

Step 2: Student Response

If charged, the student must respond within 5 business days of receiving the Academic Dean and/or Program Director's decision. They may either:

- Accept responsibility and the associated penalties, or deny the allegation and submit a written appeal for review by the Committee on Academic Standards and Integrity (CASI); or,
- If the student accepts responsibility, the penalty determined by the Academic Dean and/or Program Director will be implemented without further review.

Step 3: Appeal Process – CASI

1. If the student appeals, the case is referred to the CASI, a three-person body appointed by the Dean. The Committee will consist of: One School Academic Dean and/or Program Director (not involved in the original case); one faculty member, and one representative from the Katz Graduate Student Association.
2. The CASI chair will notify the student in writing of the date, time, and location of the hearing. The student may: Consult with the School Student Advocate, a neutral resource available throughout the process to help the student understand their rights, timelines, and the type of documentation that may support their position;

bring written materials and witnesses to the hearing; and shall not bring external advocates or advisers (including family members or attorneys)

3. The Student Advocate may attend the hearing in a non-participatory role but does not assist in preparing arguments or evidence.
4. The CASI will consider all relevant evidence, may request additional information from involved parties, and will determine whether the original academic integrity violation occurred. Their decision must be issued within 5 business days of the hearing, and the full review is expected to be concluded within 30 business days of the student's appeal submission.

Step 4: Final Resolution

If the CASI confirms the violation as originally charged, they will:

- Certify the Academic Dean and/or Program Director's original penalty.
- Submit a written summary and finding to the Dean.
- The Dean will make the final determination as to whether any violation occurred and what penalty, if any, should be applied.

Additional Provisions

The Student Advocate is a neutral party engaged throughout the process to ensure that the student understands the procedures and has an opportunity to provide relevant documentation. The Advocate does not serve as a legal or academic representative and does not assist in argument preparation. The Student Advocate is appointed by the Dean.

Once a student is formally notified of an alleged academic integrity violation, they may not withdraw from the course in which the violation is alleged until the academic integrity process is fully concluded. If a violation is confirmed, any assigned penalties will be applied regardless of the student's enrollment status. Withdrawal will not cancel or void any imposed penalties.

Records

Copies of the final decision (after appeal) will be sent to the Dean of Katz School and to the Office of the Registrar and may be documented on official transcript.

SOCIAL MEDIA USE

Students are required to adhere to the Social Media Policy established by the University and outlined in the YU Student Technology Resources Use Handbook:

https://www.yu.edu/sites/default/files/legacy//uploadedFiles/Offices_and_Services/Information_Technology/Ho me/Yeshiva%20University%20Student%20Technology%20Resources%20Use%20Handbook.pdf

Any student who posts content (on a personal or University website) that is deemed inappropriate and/or a violation of the School's Code of Ethics will be subject to disciplinary action.

Students are expected to use social media responsibly and professionally. This includes refraining from posting content that harasses, threatens, or intimidates others, or that violates University policies.

Students may not post confidential or protected information, including patient information, in violation of HIPAA, FERPA, or other applicable privacy laws. This includes sharing images, recordings, or descriptions of clinical, internship, research, or classroom activities without express authorization from the Academic Dean and/or Program Director.

Violations may result in disciplinary action under the Code of Ethics and applicable program policies, as well as penalties under applicable privacy laws.

GRIEVANCES

Grievance Procedure

Students have the right to file an academic grievance if they believe they have been treated unfairly in an academic matter (i.e., an improper academic decision that directly and adversely affects them) or if they believe University, School, or program academic policies or procedures have not been properly followed. Disagreement with academic judgement alone is not enough, and a student may only grieve a calculation error, failure to follow syllabus/course requirements or violation of applicable policies.

Final course grades and individual assignment grades are not eligible for review through this process except as permitted under the Grade Change Policy. Matters involving discrimination, harassment, or sexual harassment are addressed through the University's applicable policies and procedures.

Students seeking resolution of an academic grievance must follow the steps below:

Step 1: Faculty Member

The student must first meet with the faculty member involved (or make a reasonable attempt to do so) to attempt to resolve the matter.

Step 2: Academic Dean or Program Director

If the matter is not resolved at Step 1, the student must meet with the Academic Dean or Program Director to attempt to resolve the matter.

Step 3: Formal Grievance Submission

If the matter remains unresolved, the student may submit a formal grievance through the Academic Grievance Submission Form. The grievance must be submitted no later than two (2) weeks from the end of the semester in which the event being grieved occurred (Fall, Spring, or Summer). The student must provide all required information and supporting documentation.

Step 4: Eligibility Review

The grievance will be reviewed by the Dean's Office (or their designee) to determine whether the matter is eligible for consideration under the Academic Grievance Procedure. The student will be notified in writing by email of the eligibility determination as soon as possible after receipt of the completed Academic Grievance Submission Form (generally within five (5) business days of submission). If the matter is eligible, the grievance and supporting documentation will be forwarded to the Katz School Grievance Committee for review. If the matter is not eligible, the student will be notified.

Step 5: Grievance Committee Review

The Grievance Committee will acknowledge receipt of the grievance via the student's YU email. The Committee will review the grievance and may request additional information or meet with the student, faculty member, or other relevant parties as necessary.

Step 6: Final Decision

Following its review, the Grievance Committee will submit its recommendation to the Dean of the Katz School. The Dean will render the final decision. If a meeting was required, the student can generally expect a decision within two weeks following the meeting. The student will be notified of the decision via their YU email.

The School will endeavor to act timely in making its decision. Time limits may be extended depending on the nature of the allegations, the time of year, and any other unforeseen or extenuating circumstance. It is expected that any such changes will be communicated to the student.

Health Requirements

COVID-19 Vaccination

Everyone is strongly encouraged to follow CDC guidelines for COVID-19 vaccination and to follow applicable guidance regarding masking.

Due to clinical placements, Katz School of Science and Health - Health Science Programs (e.g., Nursing, Occupational Therapy, Physician Assistant Studies, Speech-Language Pathology) are required to be fully vaccinated against COVID-19 and have at least one booster dose. Exemptions (medical or religious) generally will not be given.

Faculty and staff who are assigned to work in healthcare facilities or required by their job responsibilities to supervise and observe students at clinical sites, also must be fully vaccinated and have at least one booster dose.

Externships

In general, medical and religious exemptions to the University's vaccination requirements are not available for students in a University clinical training program due to the requirements of external clinical sites and other circumstances which would place an undue burden on the University to provide the accommodation. You should bear this in mind when applying to the program. The University will not refund any fees or other payments if you are unable to enroll or otherwise complete the program.

Immunization Forms

All Yeshiva University students taking 6 or more credits on campus must meet New York State immunizations requirements for Measles, Mumps, and Rubella and must complete a valid Meningococcal Response Form. The link to the form is available to incoming students by the Admissions office. Link: www.yu.edu/graduateimmunization

Immunization Form for Health Science Students

Health science students enrolled in the Doctorate of Occupational Therapy, Masters in Physician Assistant Studies, and Masters in Speech-Language Pathology must complete the Katz Health Science Health Form & Physical Exam Attestation. Link: www.yu.edu/healthclearanceimmunizationform

Onboarding for Health Science Students

The graduate health science programs at the Katz School proudly partners with EXXAT for student health compliance and management of clinical education. Prior to registration, all incoming health science students must first upload the documents outlined below into EXXAT for review and approval. Upon approval of all documentations, students will be invited to register for their initial semester of study. The deadline to upload all documentation is August 1, for Fall cohorts and November 30th for Spring cohorts.

Required Documentation:

- COVID-19 Vaccination plus Booster
- Flu (Influenza)
- Hepatitis B Surface Antibody/Titer
- Measles, Mumps, Rubella (MMR)
- Meningococcal Vaccine
- Tetanus, Diphtheria, and Pertussis (Tdap)
- Tuberculosis (TB)
- Katz Health Science Health Form & Physical Exam Attestation
Link: www.yu.edu/healthclearanceimmunizationform
- CPR
- First Aid

- HIPAA Training
- Universal Precautions and Bloodborne Pathogens Training
- Working with Minors: “Protecting Children: Identifying and Reporting Sexual Misconduct”
- Health Insurance Card (front and back)
- Driver's License / Passport / Non-Driver's License/State ID Background Check Completion

STUDENT RESOURCES

Academic Programs

Katz School Academic Programs Team helps students navigate where to go and whom to talk to. Students can email katz@yu.edu to discuss.

Academic Advisement

Every semester, students are expected to meet with an assigned faculty adviser or Academic Dean and/or Program Director to discuss their progress in the program, plan future course work, review research activities, and plan what comes next after graduation. These advisers are the students’ academic navigators, keeping students on course to achieve their personal goals. Students should contact their Academic Dean and/or Program Director for more details.

Learning Management System

Canvas by Instructure is Yeshiva University’s Learning Management System, and all Katz School students (both in online and on- campus programs) have access to Canvas. Canvas provides 24/7 support to give students the best experience possible when learning online. Students registered for online courses will be invited to participate in a self-paced, online orientation covering the basics of what they need to know about going to school online.

Career Center

Shevet Glaubach Center for Career Strategy and Professional Development offers students a range of programs and resources, from personalized counseling and career planning to the latest professional search technologies. The Shevet Glaubach Center for Career Strategy and Professional Development also hosts on- campus recruiting events, career fairs, and information sessions, partnering with employers, alumni, and community supporters to connect students with professional opportunities. In addition, YU faculty offer career mentoring, helping students to identify career options and opportunities for further study.

Counseling Center

The Counseling Center consults with students on a confidential basis, free of charge. Their staff of qualified and caring professionals provide a calm and objective listening ear and can help students address any issues of concern. To learn more, visit www.yu.edu/student-life/counseling.

Disability Services

The Office of Disability Services collaborates with students, faculty and staff to provide reasonable accommodations and services to students who self-identify as having a disability. The Office’s goal is to provide access to all campus programs and activities, thereby empowering students with disabilities to actualize their full academic and personal potential. Please visit the following website for more information about Disability Services, its documentation guidelines and contact information: <https://www.yu.edu/student-life/resources-and-services/disability-services/students>.

English for Graduate School and Work

To assist non-native English speakers, Katz School offers specialized courses designed to help students prepare for master's and doctoral programs in a U.S. university setting. Students can refine their academic and professional language skills, develop proficiency in managing graduate level course assignments and professional communication skills, and become familiar with the conventions and expectations of graduate school in the United States. Services include individualized graduate advising, specifically designed graduate English courses, writing development, and courses in English for career and work settings. Students interested in the program should speak with their Academic Dean and/or Program Director.

Graduate Assistantships

YU's on-campus, competitive graduate employment program helps you bridge the gap between academia and the professional world. Students who participate in this program have the opportunity to work with YU faculty, researchers, and administrators to gain invaluable experience that will enhance their professional profiles. For more information, contact katzgrad@yu.edu.

Health Services

All students taking at least 6 credits on campus must meet New York State immunizations requirements for Measles, Mumps, and Rubella and must complete a valid Meningococcal Response. The link to the form is available to incoming students by the Admissions office. Link: www.yu.edu/graduateimmunization.

All Yeshiva University students who are taking at least 1 credit on campus are required to have health insurance. Students may join a health insurance plan through the University, or they may waive this plan if they have their own health insurance. For more information on Health Insurance requirements, contact katzstudentservices@yu.edu.

Housing and the Transition to New York

Katz Student Services provides a list of resources to help domestic and international students find affordable housing options around New York. Whether students are coming from the tristate area, a different part of the US, or even another country, we know the transition to New York City requires planning. Our staff is here to facilitate from the time students apply to the time students move.

Library Services

Yeshiva University's libraries offer a wealth of information and support for advanced learning, research, and scholarly inquiry in an environment dedicated to the open exchange of information. While their primary responsibility lies with the students and faculty of Yeshiva University, the libraries also engage in scholarly, cultural, and artistic interactions with broader communities. Students at any Yeshiva University campus have full access to the entire YU Libraries system. Learn more at www.yu.edu/libraries.

New Student Orientation

Every Fall, Student Services host a new Graduate Student Orientation prior to the start of classes. Orientation is structured to help students find their way around campus, finish up registration and paperwork, access services, and meet with faculty. In addition, students will be invited to attend meetups where they can connect with new classmates and current graduate students in many different departments.

New York City Experience

Yeshiva University is located in the heart of New York City. To help students explore the cultural and educational opportunities in the city, Katz School Student Services Office sponsors tickets to NYC events and venues for students. Past events include New York Philharmonic Ensembles, Harlem Globetrotters, The Phantom of the Opera, Madame Butterfly, and the New York Mets.

Office of International Students and Scholars

International students and exchange visitors are an important part of Yeshiva University's vibrant community. If enrolled in a STEM specific degree program, international students may qualify for extended Optional Practical Training after graduation.

The Office of International Student and Scholar Services (OISS) provides international students and scholars with immigration support and assistance with cultural adjustment, to help you achieve your educational goals. The OISS also acts as a liaison with the U.S. Department of Homeland Security (DHS) to ensure University-wide legal compliance with government immigration regulations and reporting requirements. International students are encouraged to visit the following website for support with their immigration status as a student at Yeshiva University:

<https://www.yu.edu/international-students>

Office of Student Finance

To be considered for financial aid each student must complete a financial aid application.

- For U.S. citizens and Eligible Non-Citizens, please submit the Free Application for Federal Student Aid FAFSA.
- For all others, please file our International Financial Aid Application.

The priority deadline for incoming students is February 1 and for continuing students is April 15.

Refer to the following websites for more information about program cost and payment options:

- Tuition and Fees: <https://www.yu.edu/katz/graduate/admissions/tuition-fees>
- Payment Options for Graduate Students: <https://www.yu.edu/osf/graduate-schools/grad-payment>

OneCard

Students' YU ID card is part of the OneCard system, which allows students access to campus buildings, free shuttles, Library accounts, Dining Services, and printing accounts. Students can view account balances at www.onecard.yu.edu. (Sign in with your YUAD username and password; if you don't know your YUAD username and password, visit www.yu.edu/findid.) Students can also download the OneCard app for access to their YU ID card anywhere; follow the instructions at <https://www.yu.edu/yucard/tips>. For assistance with the YU ID card, email yucardsupport@yu.edu.

Parking for Students and Alumni

Students and alumni are eligible for parking at our uptown Wilf Campus. To apply for parking, please fill out and submit the applicable [student parking](#) or [alumni](#) parking application. Students should also notify parking@yu.edu regarding any adjustments to their parking account, such as vehicle or scheduling changes. Regarding any adjustments to their parking account, such as vehicle or scheduling changes.

Research Opportunities

Full-time master's students may be awarded research assistantships. These awards are administered by the faculty of departments and specific programs. Assistantships are a type of financial support for graduate students who engage in research activities that further the University's mission and contribute to scientific literature, professional practice, and the graduate student's own education. Assistantships can be in the form of stipends, scholarships and fellowships, and regular on-campus employment. Students must remain in good academic standing in order participate in an assistantship.

Scholarships

Dean's Scholarships, Merit Awards, and external funding are awarded to a number of students every year. If applicable, Yeshiva University will also work with your employer's tuition reimbursement policies (within reasonable limits). For students coming from outside the US, the University can accommodate scholarships awards from your home country. If you need further financial support, financing options, including federal student loans and private loans, are available for qualified candidates. Contact the Graduate Admissions Office at katzgrad@yu.edu for more information.

Shuttle Transportation

The Office of Safety and Security provides free intercampus shuttle service in the evenings between the Beren and Wilf campuses and free local shuttle service to campus buildings, local transit hubs, and other approved stops. To access the intercampus shuttle, students need to open an account and sign up at www.yushuttles.com. To view the schedules (for both the local and intercampus shuttles), visit <https://www.yu.edu/safety-security/transportation/shuttles>.

Student Organizations and Clubs

Graduate students have the opportunity to join clubs based on their interests. Clubs run events periodically throughout the year. You may attend a Chinese New Year celebration sponsored by the Yeshiva University Chinese Association of Students and Scholars (YUCASS) or a conference with our chapter of the National Student Speech- Language Hearing Association (NSSLHA), among many other opportunities. If 12 or more students wish to form a club or student organization, they can apply to the Office of the Dean for formal recognition.

KATZ SCHOOL OF SCIENCE AND HEALTH
PROGRAM DESCRIPTIONS

MS in Applied Statistics

The MS in Applied Statistics includes a combination of foundational and advanced statistical topics, such as probability, multivariate statistics, predictive models and nonparametric statistics, stochastic processes, stochastic calculus, computational probability and statistics. The program adds to theory a practical component that requires students to apply these techniques to concrete problems from financial markets, medical/health and biostatistics, cybersecurity, and other areas with societal impact. An important component of the program is the hands-on experience that students gain from industry practitioners with computational and statistical tools like R and Python which will move them to the front of the line with employers.

Academic Dean and/or Program Director

- Marian Gidea, PhD – Associate Dean, Program Director and Professor

Curriculum and Degree Requirements

The MS in Applied Statistics is a 30 credit program. Students may enroll in the general program or one of two concentrations: Financial Statistics or Biostatistics.

Complete electives below based on chosen concentration.

General Concentration: 15 credits of general electives.

Biostatistics Concentration: 9 credits of Biostatistics electives and 6 credits of general electives.

Financial Statistics Concentration: 9 credits of Financial Statistics electives and 6 credits of general electives.

Sample Course Sequence

Semester 1	Cr	Semester 2	Cr	Semester 3	Cr
MAT 5002 Computational Statistics and Probability	3	STA 5004 Non-parametric Statistical Learning	3	MAT 5350 Stochastic Calculus	3
AIM 5001 Data Acquisition and Management	3	AIM 5003 Predictive Models	3	AIM 5005 Machine Learning	3
STA 5003 Multivariate Analysis	3	STA 5020 Stochastic Processes	3	MAT 5360 Time Series Analysis	3
				STA 6500 Capstone in Applied Statistics	3
Total Credits	9		9		12

Admissions Requirements

- Bachelor's degree – with typical majors in statistics, mathematics, computer science, engineering and quantitative sciences. Majors such as economics, finance, psychology are also eligible if you can demonstrate a strong quantitative background.
- Prerequisites – one university course in each of the following: mathematical probability and statistics, multivariable calculus and linear algebra.

MS in Artificial Intelligence

In this interdisciplinary master's degree, you will design and build cutting-edge AI technologies for a variety of applications like finance, biotech, cybersecurity, AdTech and law. Working with top researchers and accomplished industry experts, you'll bridge AI and machine-learning models, such as supervised and unsupervised learning, deep learning and neural networks and reinforcement learning, with engineering best practices including problem framing, requirements gathering, UI/UX and software development. In addition, you'll gain hands-on experience with structured and unstructured data using the latest tools like Python, R, Google ML Kit, SQL/NoSQL, and TensorFlow. And you'll be doing all of this in the heart of New York City—one of three global epicenters of the artificial intelligence industry. Get your M.S. in artificial intelligence from Yeshiva University, a U.S. News & World Report top-ranked university in New York City.

Artificial intelligence promises to deliver some of the most significant and disruptive innovations of this century. Self-driving cars, robotic assistants and automated disease diagnosis are all products of an emerging AI revolution that will reshape how we live and work. And with demand for talented engineers more than doubling in the last few years, there are limitless opportunities for professionals who want to work on the cutting-edge of AI research and development.

As a graduate of Yeshiva University's master's in artificial intelligence, you'll be prepared for a variety of artificial intelligence and machine learning jobs in research and development groups, product design labs and innovative startups.

Academic Dean and/or Program Director

- [Hua Fang, PHD](#), Professor, Graduate Computer Science and Engineering

Curriculum and Degree Requirements

In Yeshiva University's 36-credit MS in Artificial Intelligence you'll learn by doing, using advanced techniques in AI and machine learning on industry sectors as varied as healthcare, biotech, finance, social media, marketing, cybersecurity and more. In class and in the studio, you'll build AI applications, experiment with tools, and work with faculty on important research. As part of the coursework, you'll complete an industry-oriented final project, and you'll be encouraged to gain hands-on experience by working in real companies through internships and independent study.

Sample Course Sequence

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5
		AI Capstone		
Computational Statistics and Probability (3 credits)	Predictive Methods (3 credits)	Neural Networks and Deep Learning (3 credits)	Bayesian Methods (3 credits)	Reinforcement Learning (3 credits)
Numerical Methods (3 credits)	Machine Learning (3 credits)		Natural Language Processing (3 credits)	
Data Acquisition and Management (3 credits)	Artificial Intelligence (3 credits)		AI Product Studio (3 credits)	

Admissions Requirements

- Bachelor's degree – with typical majors in computer science, data science, engineering, physics, mathematics, statistics and quantitative sciences. Majors such as economics, finance, and psychology are also eligible if you can demonstrate a strong quantitative background.
- Prerequisites – two university courses in high-level programming and one course in each of the following: mathematical probability and statistics, multivariable calculus and linear algebra. Professional experience may be considered.

MS in Biotechnology Management and Entrepreneurship

The MS in Biotechnology Management and Entrepreneurship at the Yeshiva University Katz School provides the mission-critical scientific, technical, and business knowledge needed to launch, manage, scale and commercialize biotechnology products and services. The degree is modeled on Professional Science Master's degrees—what The New York Times called "the science MBA."

Academic Dean and/or Program Director

- Professor Joseph Panzarella, (Interim Program Director)

Curriculum and Degree Requirements

The flexible 36-credit program in Biotechnology Management and Entrepreneurship enables students to design a path best suited for their lives, choosing part-time or full-time study on campus. All students will complete an industry-oriented capstone project and are encouraged to use part of their electives to work in real companies to gain hands-on experience through internships and independent study. Katz students are eligible to receive course credit for internships.

Sample Course Sequence

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5
Foundations of Biotechnology (3 credits)	Pharmacology Product Development (3 credits)	Elective (3 credits)	Elective (3 credits)	Elective (3 credits)
Biotechnology Management (3 credits)	Applications in Biotechnology (3 credits)		Elective (3 credits)	Capstone (3 credits)
Elective (3 credits)	Intellectual Property, Regulation and Compliance (3 credits)		Elective (3 credits)	

*Elective Courses:

- Applied Biologics
- Survey of Life Sciences
- Biostatistics and Informatics
- Clinical Trials and Research Management
- Finance for Startups and Entrepreneurial Ventures
- Marketing Management
- Project Management
- Technology Entrepreneurship
- Internship
- Special Topics
- Independent Study

Admissions Requirements

- Bachelor's degree – with typical majors in biology, pre-med or any STEM discipline, as well as business, finance, marketing, public health, and other clinical majors.
- Prerequisites – some biology or life science coursework or professional experience in business, finance, law or marketing. If no biology background, a life science course is available in the first semester.

MS in Computer Science

Academic Dean and/or Program Director

- Honggang Wang, Ph.D. - Professor and Department Chair, Graduate Computer Science and Engineering

Curriculum and Degree Requirements

45-credit M.S. in Computer Science

The 45-credit M.S. in Computer Science is designed for students who have an undergraduate degree in a major other than computer science (as more fully described below) who want to transition into an impactful career in computer science and related fields. The program begins with a five-course introductory sequence followed by advanced computer science coursework and electives. Students also have an accelerated option to complete the degree in 30-credits. See admissions below for more information.

Students master the fundamentals of computing theory, systems and applications and the advanced knowledge to work on computer systems, software design and application development. They learn to take a structured approach to designing and developing computer systems and solutions, including mobile applications, cloud computing, augmented reality, and intelligent applications. They work with traditional computing theory and algorithms, as well as algorithms that benefit from vast amounts of data. In addition, they develop the skills to lead new projects and technologies. The M.S. in Computer Science is intended to help open doors to competitive jobs in R&D and fast-growing specializations like AI, cybersecurity, networking, and software development.

Curriculum Structure: Computer Science Core (15 cr.); Advanced (9 cr.); Electives (18 cr.); Capstone (3 cr.)

Sample Course Sequence (Full Time)

Semester 1	Semester 2	Semester 3	Semester 4
COM 5000 Introduction to Programming* (3 credits)	COM 5003 Systems Analysis and Design (3 credits) *	COM 6000 Capstone in Computer Science I (1.5 credits)	COM 6001 Capstone in Computer Science II (1.5 credits)
COM 5001 Computer Science Math I* (3 credits)	COM 5100 Advanced Algorithms (3 credits)	COM 5110 Operating Systems (3 credits) - elective	Elective
COM 5002 Algorithms and Data Structures* (3 credits)	COM 5101 Theoretical Computer Science and its Applications (3 credits)	COM 5222 Fundamentals of Software Engineering (3 credits) - elective	Elective
COM 5010 Computer Systems (3 credits) *	COM 5102 Emerging Paradigms in Programming (3 credits)	COM 5441 Hardware Security (3 credits) - elective	Elective
Term Credit Total: 12	12	10.5	10.5

Sample Course Sequence (Part Time)

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
COM 5000 Introduction to Programming * (3 credits)	COM 5002 Algorithms and Data Structures (3 credits)*	COM 5003 Systems Analysis and Design* (3 credits)	COM 5101 Theoretical Computer Science and its Applications (3 credits)	COM 5110 Operating Systems (3 credits) - elective	COM 5441 Hardware Security (3 credits) - elective	COM 6000 Capstone in Computer Science I (1.5 credits)	COM 6001 Capstone in Computer Science II (1.5 credits)

COM 5001 Computer Science Math I (3 credits)*	COM 5010 Computer Systems (3 credits)*	COM 5100 Advanced Algorithms (3 credits)	COM 5102 Emerging Paradigms in Programming (3 credits)	COM 5222 Fundamentals of Software Engineering (3 credits) - elective	Elective (3 credits)	Elective (3 credits)	
						Elective (3 credits)	
Term Credit Total: 6	6	6	6	6	6	7.5	1.5

*Students taking accelerated option do not need to take these courses.

Electives

At least 12 elective credits must be from COM or AIM; additional elective courses may be selected from any graduate department at YU or elsewhere (with the permission of the program director). Offerings vary each semester. Therefore, some choices will not be available for a particular cohort. Internship can be taken as an elective beginning in the summer semester. All courses are three credits unless otherwise noted.

AIM 5001 Data Acquisition & Management
 AIM 5002 Computational Statistics and Probability
 AIM 5005 Machine Learning
 AIM 5006 Artificial Intelligence
 AIM 5007 Neural Network and Deep Learning
 COM 5014 Special Topics
 COM 5120 Human-Computer Interaction
 COM 5210 Mobile Computing and Apps Development
 COM 5323 Computer Graphics
 COM 5421 DevOps
 COM 5440 Software System Security
 COM 5500 Internship
 COM 5999 Independent
 MAN 5580 Project Management

Admissions Requirements

45-credit M.S. in Computer Science

Knowledge Requirements

The M.S. in Computer Science is for students from a range of backgrounds – an undergraduate degree in computer science is not required. Candidates must possess a bachelor's degree in any STEM-related major from an accredited college or university, with a minimum GPA of 3.3 and the following prerequisite coursework:

- Algebra
- Statistics
- Calculus and programming recommended

Prerequisites must have been completed in the last three years, with a grade of B+ or better. Students from other majors like business, psychology and finance may be considered on a case-by-case basis.

Application Requirements

Applicants must submit the following:

- Online application
- Application fee
- Transcripts from all colleges and universities attended
- Statement of purpose detailing your career goals and interest in the program
- Resume/CV

- English Proficiency – All non-native English-speaking applicants must demonstrate English language proficiency before enrollment. Please refer to the admissions website for details.

Accelerated Program Option

Students with an undergraduate degree in in Computer Science can take an accelerated 30-credit option of the MS in Computer Science.

PhD in Computer Science

Academic Dean and/or Program Director

- Honggang Wang, Ph.D. - Professor and Department Chair, Graduate Computer Science and Engineering

Curriculum and Degree Requirements

The PhD in Computer Science is designed to cultivate a new generation of STEM researchers who will advance computer science theory and applications in both academia and industry, helping to fill a nation-wide shortage of doctorally-qualified, ethically grounded computer scientists. The program serves as an intellectual home within Yeshiva University and the field, fostering a culture of innovative, interdisciplinary research and contributing to the advancement of critical technologies in fields like healthcare, climate, energy, finance and security.

The curriculum trains students in the depth and breadth of computer science, as well research methods and emerging research necessary for careers in university or industry R&D. Other unique program features include:

Interdisciplinary Research: Students will conduct interdisciplinary research and may work with faculty from across YU on their committees.

Future University Faculty: All students must complete a teacher training program and teach at least one graduate course under the mentorship of a faculty member and instructional designer.

Industry R&D: Students may request approval to work on industry-sponsored projects and include doctorally-qualified industry practitioners on committees, if there are no publishing restrictions.

The program is committed to providing access for promising scientists who align with Yeshiva University's values and mission, and who are dedicated to making the world smarter, safer, and healthier. It prepares students for careers as computer science faculty in higher education or as researchers in industry R&D. Through a focus on interdisciplinary and applied research, the program fosters the development of cutting-edge innovations that address real-world challenges.

Requirements (66 credits)

To earn a PhD in Computer Science, students must complete 66 graduate credits, with a minimum of 36 credits at the 6000 level or above. The remaining 30 credits may be transferred from an accredited institution or drawn from relevant graduate courses at YU, with advisor approval.

Breadth Courses (30 credits)

It is expected that entrants will have a related master's that includes prior computer science coursework in the following areas: advanced algorithms, emerging programming paradigms, theoretical computer science, AI/ML, and computer systems. If any of these areas were not covered or not covered within the last five years, equivalent graduate courses may be taken at the Katz School.

Sample Course Sequence (Full Time)

Fall 1	Spring 1
COM 6002 Distributed Systems (3 cr.)	COM 6004 Networking (3 cr.)
COM 6003 Databases (3 cr.)	COM 6014 Generative AI (3 cr.)
COM 6010 Reinforcement Learning (3 cr.)	COM 6005 Computer Vision (3 cr.)
COM 6006 Research Methods (3 cr.)	COM 6011 Applications of Medical AI (3 cr.)
COM Research Seminar (1 cr.)	COM 6007 Research Seminar (1 cr.)
Term Credit Total: 13	Term Credit Total: 13

Fall 2
COM 7000 Dissertation (6 cr.)
COM 6007 Research Seminar (1 cr.)
COM 6007 Research Seminar (1 cr.)
COM 6007 Research Seminar (1 cr.)
COM 6007 Research Seminar (1 cr.)
Term Credit Total: 10
Total Credits: 66 (including 30 credits from master's degree)

Course Descriptions

COM 6002 Distributed Systems, Credits: 3
 COM 6003 Databases, Credits: 3
 COM 6004 Networking, Credits: 3
 COM 6005 Computer Vision, Credits: 3
 COM 6006 Research Methods in Computer Science, Credits: 3
 COM 6007 Research Seminar, Credits: 1
 COM 6010 Reinforcement Learning, Credits: 3
 COM 6011 Application of Medical AI, Credits: 3
 COM 6012 Robotics, Credits: 3
 COM 6013 Quantum Computing, Credits: 3
 COM 6014 Generative AI, Credits: 3
 COM 6020 Special Topics, Credits: 3
 COM 6021 Independent Study, Credits: 3
 COM 6022 Internship, Credits: 3
 COM 7000 Dissertation, Credits: 3

Admissions Requirements

Prerequisite coursework/academic background:

A master's degree in computer science or a related field from an accredited institution with a minimum GPA of 3.3 on a 4.0 scale. Exceptions may be made with permission from the program director. Qualified candidates who do not have a master's degree in a related field may begin in one of our master's programs, such as Computer Science, Artificial Intelligence, Data Analytics and Mathematics).

Demonstrated research experience (e.g., publications, undergraduate research, thesis, and/or research projects) is highly desirable but not strictly required.

English proficiency for international students (refer to Katz Admissions page):

All applicants to Katz School STEM master's programs submit the following:

- Completed online application
- US\$50 non-refundable application fee
- Supporting documents, including:
 - Transcripts from all colleges and universities attended
 - Statement of purpose
 - Resume
 - Proof of English proficiency (if you are an international student, refer to Katz Admissions page)

- Recommendation letters (required for MA in Mathematics, Physics programs and PhD in Computer Science only, excluding statistics)
 - Three (3) Recommendation letters are required for the PhD in Computer Science program; at least one (1) should specifically address the applicant's research experience and potential.
- GRE and/or GMAT scores (required for Math and Computer Science Ph.D. only)

MS in Cybersecurity

Yeshiva University's MS in Cybersecurity is a STEM-approved 30-credit master's degree, focused on the technology and management competencies for planning, implementing, upgrading, monitoring, and auditing cybersecurity protocols and procedures. The degree is aligned with industry certifications: CCP, CISSP, CISM, and ISACA-CRISC, and teaches you state-of-the-art technologies and practices. You'll get hands-on experience with threat mitigation, detection, and defense. You will have the opportunity to gain practical experience through internships, CPT and STEM OPT.

Program Director

- Sivan Tehila, M.S. , Graduate Computer Science and Engineering

Curriculum and Degree Requirements

Yeshiva University's MS in Cybersecurity is a STEM-approved 30-credit master's degree, focused on the technology and management competencies for planning, implementing, upgrading, monitoring, and auditing cybersecurity protocols and procedures. The degree is aligned with industry certifications: CISSP, CISM, and ISACA-CRISC, and teaches you state-of-the-art technologies and practices. You'll get hands-on experience with threat mitigation, detection, and defense.

Sample Course Sequence (subject to change)

Semester 1	Semester 2	Semester 3	Semester 4
Cybersecurity Foundations	Architecture of Secure Operating Systems, Applications and Devices	Leading Technology Organizations	Internship
Risk Management and Cybersecurity	Cybersecurity Audit, Assessment and Training (Cloud Security)	Elective	
Network, Data and Communications Security	Discovery, Digital Evidence and Computer Forensics	Capstone	

*Elective Courses:

- Project Management, 3 Credits
- Psychology of Threat Actors and Their Motives
- Business Continuity Planning and Crisis Communication
- Cybersecurity and Cyberterrorism, 3 Credits
- Special Topics (varies by semester), 1-3 Credits
- Internship, 1-2 Credits
- Independent Study, 1-3 Credits

Admissions Requirements

The MS in Cybersecurity is ideal for students with a variety of backgrounds including IT/IS, computer science, engineering, science, and business, as well as early and mid-career professionals with relevant on-the-job experience. Applicants may transfer up to six (6) graduate credits into the program. Applicants with degrees in other fields will be considered individually for admission and are encouraged to apply.

Candidates must possess a bachelor's degree from an accredited college or university and must submit the following items:

- Online application
- Transcripts from all colleges or universities attended

- Personal statement detailing your career goals and interest in the program
- Two academic or professional recommendation letters
- Application Fee
- TOEFL or IELTS scores (for candidates whose bachelor's degrees were earned at a non-English speaking institution)

MS in Data Analytics and Visualization

Yeshiva's Master's in Data Analytics and Visualization focuses on data management and "wrangling," data modeling and algorithm development, data interpretation, and data reporting. This is critical to learning the core to Data Science. The MS in Data Analytics and Visualization is ideal for highly motivated individuals who want to build the quantitative, design, and business skills needed to advance to leadership positions as business data analysts.

Academic Dean and/or Program Director

Our faculty are successful practice leads and technical leads on data analysis, data science, and business design teams at both top-tier organizations and high-growth start-ups. They share a passion for working with data to make their organizations and customers more successful, and a commitment to helping prepare the next generation of data analysts. You will benefit from working closely with them on complex data analysis projects that aim to solve real-world business problems.

- Shucheng Yu, PhD, Associate Professor, Graduate Computer Science and Engineering

Curriculum and Degree Requirements

As you progress through the YU Katz School's 30-credit MS in Data Analytics and Visualization program, you will develop a work-ready portfolio of projects and deepen your understanding of the core principles, patterns, and practices of data analysis and visualization. To earn your degree, you must complete seven required foundational courses and nine credits of electives.

Sample Course Sequence

Semester 1	Semester 2	Semester 3	Semester 4
Structured Data Management (3 credits)	Computational Math and Statistics (3 credits)	Elective (3 credits)	Capstone (3 credits)
Project Management (3 credits)	Visual Design and Storytelling (3 credits)		Elective (3 credits)
Analytics Programming (3 credits)	Elective (3 credits)		Business Modeling and Data Analysis (3 credits)

*Elective Courses:

- Talent Analytics, 3 credits
- Data Driven Organizations, 3 credits
- Information Architectures, 3 credits
- Data Science, 3 credits
- Data Product Design, 3 credits
- Internship, 1-3 credits
- Independent Study, 1-3 credits
- Special Topics, 1-3 credits

Admissions Requirements

Successful candidates must exhibit the potential to excel in this demanding field upon graduation and meet the following qualifications:

- Bachelor's degree from an accredited college or university
- Minimum undergraduate GPA of 3.0
- Completion of at least one calculus course, one statistics course, and one programming course, each with a grade of B+ or better in the last three years is strongly recommended.

To apply for the MS in Data Analytics and Visualization, you must submit the online application along with:

- Current resume that demonstrates a strong interest in working with data
- Official transcripts from all institutions attended
- A personal statement that describes your goals for pursuing the MS in Data Analytics and Visualization •
- Two letters of recommendation
- TOEFL or IELTS scores (for candidates whose bachelor's degrees were earned at a non-English-speaking institution)

Note: Applicants must also complete our challenge exam and have an individual interview with MS in Data Analytics and Visualization faculty.

Challenge Exam

All MS in Data Analytics and Visualization applicants are required to complete a challenge exam that will help us evaluate how prepared you are for the program.

Bridge Workshops

If your application demonstrates that you have the potential to succeed in the MS in Data Analytics and Visualization program, but you lack certain prerequisite courses or your challenge exam reveals that you may need to brush up on certain subjects before you can begin, you may be conditionally accepted, contingent upon successful completion of one or more of the following three-week, online workshops:

- Spreadsheet Basics
- Fundamentals of Programming
- Fundamentals of Database
- Data Analytics Math

MS in Digital Marketing and Media

Yeshiva University's M.S. in Digital Marketing and Media, based in New York City, is an industry-driven, project based degree with a distinct focus on the power of digital media and social drivers of behaviors. This unique master's degree arms you with essential media, design, communication, behavioral, analytical, technical and research skills. You'll learn evidence-driven strategies for identifying and segmenting markets, reaching and engaging potential consumers, and converting them into loyal customers. And you'll master in-demand strategies for social media, SEM, SEO, mobile, email, content and video. Get your M.S. in Digital Marketing and Media from a world-class university. One-year or 15-month programs available. Full time, part time or weekend. Classes in Manhattan.

In the last decade, digital marketing and media has shifted from a niche skillset to a baseline expectation. Companies large and small want professionals who take a digital-first approach to campaigns and brand management using tools such as SEM, SEO, geotargeting, email, content and video. They also expect that their digital spends are based on analytics that produce data-driven insights.

Academic Deans and/or Program Director

- Joseph Panzarella - Program Director and Clinical Assistant Professor, MS in Digital Marketing and Media

Curriculum and Degree Requirements

The flexible 30-credit program is designed to allow students to work while completing their degree with online and on-campus course options. Students have the freedom to take only courses which interest them and create their own path within the program. You may pursue either the Digital and Social Strategies or Marketing Analytics track.

Sample Course Sequence

Semester 1	Semester 2	Semester 3	Semester 4
Marketing Management and Strategy (3 credits)	Brand Management (3 credits)	Elective (3 credits)	Elective (3 credits)
Communications (3 credits)	Elective (3 credits)	Marketing Research (3 credits)	Capstone (3credits)
Consumer Behavior and Customer Relationship Management (3 credits)	Elective (3 credits)	Methods (3 credits)	

*Elective Courses (Marketing Analytics track)

- Analytics Programming
- Predictive Analytics
- Visual Design and Storytelling
- Web Analytics and SEO
- Special Topics
- Independent Study
- Internship

*Elective Courses (Digital and Social Strategies track)

- Applied Social Media
- Digital Storytelling
- Web Design and User Experience
- Web Analytics and SEO

- Special Topics
- Independent Study
- Internship

Admissions Requirements

Candidates must exhibit the potential to excel in this demanding field and meet the following qualifications:

- Possess a bachelor's degree from an accredited college or university
- To apply for the MS in Digital Marketing and Media, candidates must submit the online application along with:
 - Official transcripts from all universities attended
 - Résumé
 - Personal Statement describing your goals and your commitment to contribute to and complete the MS program
 - Two academic or professional recommendation letters
- TOEFL or IELTS scores (for candidates whose bachelor's degrees were earned at a non-English-speaking institution) ○ NACES course-by-course evaluation (for degrees completed outside of the US and English-speaking Canada)
 - Katz School offers a fully online, 11-week intensive program for applicants with low intermediate to upper-intermediate English reading, speaking and writing skills. If you'd like to learn more, visit <https://www.yu.edu/katz/online-intensive-english>.

MA in Mathematics

The MA in Math at Katz School provides the flexibility to customize your curriculum. In addition to traditional coursework, you may also enroll in special topics or design an independent study under the mentorship of senior faculty. You may also choose to focus on financial mathematics and take courses in the departments of Mathematical Sciences, Economics, Physics, and Computer Science.

Master's in Mathematics- students are required to complete ten courses (30 credits) and a thesis or comprehensive project in order to graduate. Students may replace the thesis or project with a written comprehensive exam.

Academic Dean and/or Program Director and Faculty

- Marian Gidea – Program Director and Professor, MA in Mathematics
- Morton Lowengrub, Professor and Provost Emeritus, MA in Mathematics
- Edward Belbruno, Clinical Professor of Mathematics
- Antonella Marini, Professor of Mathematics
- Wenxiong Chen, Professor and Chair, MA in Mathematics
- Pablo Roldan, Assistant Professor of Mathematics
- Peter Nandori, Assistant Professor of Mathematics

Curriculum

Core Courses

Required Courses (12 credits)

Students must complete four of the following courses:

- Real Variables
- Complex Variables
- Topology
- Mathematical Statistics
- Ordinary Differential Equations
- Partial Differential Equations
- Mathematical Modeling
- Scientific Computing

Electives (18 credits)

Students must complete six of the following courses:

- Mathematics of Finance
- Time Series Analysis
- Stochastic Calculus
- Network Science
- Computational Topology
- Dynamical Systems
- Differential Geometry
- Applied Functional Analysis
- Applied Mathematics
- Methods of Mathematical Physics

See course descriptions under PhD in Mathematics*

Admission Requirements

Admission to the Master of Arts Program in Mathematics at Yeshiva University is competitive, and the following requirements are necessary rather than sufficient conditions for admission.

- A bachelor's degree from an accredited institution
- A major in mathematics, statistics, computer science or one of the physical or engineering sciences. In exceptional cases, applicants holding a major in a biological science, economics or finance may be considered. All applicants, regardless of major or other qualifications, must have completed courses in Multivariable Calculus and Linear Algebra at the time of application.
- A B average (GPA of 3.0/4.0) in science and mathematics courses.
- Three letters of recommendation.
- GRE scores.
- TOEFL scores for graduates of non-English-speaking colleges or universities, as described below. This requirement may be waived by the Department of Mathematical Sciences if the applicant presents evidence that his or her native language is English.

Deadlines: The Master of Arts Program in Mathematics currently operates on a rolling admission schedule, in which admissions are processed, as they are received, for the next available starting date. Applicants may begin the program in either the spring or fall semesters.

Program Requirements:

Credit Requirement: 30 credits.

Residence Requirement: A minimum of 24 of the 30 credits must be taken at the School. Exceptions must be approved by the director of graduate studies.

Examination Requirement: The student is required to obtain a grade of at least B on a written comprehensive exam, or on a master thesis.

The comprehensive examination will cover Real Analysis (Introduction to Analysis, Functions of a Real Variable) and Complex Variables (Functions of a Complex Variable), as well as one advanced topic in Applied Mathematics of the student's choice. This examination may not be taken more than twice.

A grade of A must be received in this examination for a student to continue in the Ph.D. program.

The comprehensive examination must be passed before the end of the program, or the master thesis must be prepared and defended by the end of the program.

PhD in Mathematics

We also offer a doctoral program in math. The program emphasizes individual study in one or more areas of research pursued by department faculty, including fluid dynamics and shock waves; geometric analysis; optimization; complexity theory; partial differential equations of elliptic, hyperbolic and mixed type; the theory of risk; mathematical, theoretical and computational physics; universal algebras; operator theory; and the theory of plasma waves.

Applicants without master's degrees can be admitted to the direct doctorate in math and earn an MA in Mathematics along the way to the PhD. Those applicants must meet admissions requirements for both the MA and PhD programs.

Degree programs are formulated by students in consultation with an adviser and must receive departmental approval. It is expected that students will have multivariable calculus and linear algebra as a prerequisite for

graduate standing. Upon admission, each student must consult with the director of graduate studies before registration, and secure detailed regulations concerning departmental rules and policies.

A recommendation for any degree may be reversed at any time prior to the actual conferring of the degree. Certain courses in which the subject matter varies from year to year may be taken more than once for credit, with the written approval of the graduate director.

Not every course listed is offered every semester. Information as to which courses are being given, instructors, hours, and room assignments is available at the time of the registration. All courses are 3 credits per semester unless otherwise indicated.

Admission Requirements

Most of our students have an undergraduate degree or other experience in economics, mathematics, computer science, physics, chemistry, engineering, and similar quantitative majors. Some students also come from finance and behavioral sciences so long as they've taken several mathematics courses. The faculty believe it is academically important to include students from a variety of different backgrounds and with a diverse set of experiences. Prerequisites include one course in multivariate calculus (Calc 3), one course in linear algebra, and one course in statistics/probability with a grade of B or better.

Need a refresher? We've developed an Advanced Mathematics course for applicants who need a little more work before the program starts. For more information, contact an Katzgrad@yu.edu.

Application Requirements

Candidates must possess a bachelor's degree from an accredited college or university and must submit the following items:

- Online application
- Official transcripts from all colleges or universities attended
- Official GRE scores – Use Code 4778
- Résumé
- Personal statement describing your goals in pursuing a mathematics degree at the YU Katz School
- Two academic or professional letters of recommendation
- TOEFL or IELTS scores (for candidates whose bachelor's degrees were earned at a non-English-speaking institution) ○ NACES course-by-course evaluation (for degrees completed outside of the US and Englishspeaking Canada)
 - Katz School offers a fully online, 11-week intensive program for applicants with low-intermediate to upper-intermediate English reading, speaking and writing skills. If you'd like to learn more, visit <https://www.yu.edu/katz/online-intensive-english>.

MA in Physics

MA in Physics students can focus their studies in two ways: Academic or Industrial. With an academic focus, students build strong credentials for applying to top PhD programs in physics and engineering, and to increase the chances of securing full financial support in those programs.

With an industrial focus, students develop strong tools to transition into high-end industrial jobs in the STEM field. In addition to taking applied physics and engineering courses from the academic track, students may take up to 6 credits in mathematics, business or finance.

Academic Dean and/or Program Director

- Fredy Zypman, Ph.D, Program Director

Curriculum and Degree Requirement

Note: BA/MA students may be able to complete the MA program in 2 semesters if they transfer 12 credits of EGR or PHY 5000 towards their graduate degree. Courses within any given major or minor require a grade of a “B” or better to fulfill its requirement. Students interested in this option need to make an appointment with an academic advisor as soon as possible and make sure to register for classes with the 5000 code. For other students, the full graduate program will take at least 3 semesters to complete.

*Students may select 30 credits from the following list of courses with faculty advisor approval**

Course Name	Credits		Course Name	Credits
EGR/PHY 5321 Electromagnetic Theory	3		EGR 5810 Advanced Physics and Engineering Laboratory	3
EGR/PHY 5322 Electromagnetic Theory 2	3		EGR/PHY 5510 Applied Statistical Thermodynamics	3
EGR/PHY 5301 Computational Physics and Engineering	3		EGR 5621 Quantum Engineering	3
EGR/PHY 5303 Mathematics for Physics and Engineering	3		EGR 5622 Quantum Engineering 2	3
EGR 5221 Engineering Mechanics	3		EGR/PHY 5036 Complex Systems in Science and Engineering	3
EGR 5222 Engineering Mechanics 2	3		EGR 5935 Applied Physics Colloquium	1
PHY 5912 Research in Physics	3			

*With department and advisor approval, students may substitute up to 6 credits from Katz School of Science and Health or Sy Syms School of Business

Admissions Requirements

Candidates must possess a bachelor's degree from an accredited college or university as well as the following pre-requisite physics courses, including at least one course with a lab, with a grade of B+ or better:

- Mechanics
- Electromagnetism
- Two intermediate/advanced courses

OTD in Occupational Therapy

Occupational therapists (OTs) help clients gain greater independence and confidence in performing the tasks of living – improving their quality of life, health and wellness, and connection to community. Through clinical practice, education and research, and program and policy development, OTs advocate for clients’ well-being—and support clients in advocating for themselves.

Yeshiva University’s entry-level Doctor of Occupational Therapy (OTD) will prepare you for a lifetime of helping people. The OTD program integrates theory, research, and practice, combining interactive courses with hands-on, state-of-the-art labs, and fieldwork in a variety of clinical settings. Through a student-practitioner approach, you’ll work alongside faculty who are clinical experts in their fields, and you will learn to translate research into evidence based interventions and protocols – with a focus on culturally relevant, ethical client-centered care; occupational performance across the life span; wellness and prevention; technological advancements to promote participation; leadership and advocacy; and scholarship.

An entry-level OTD prepares graduates to enter the OT profession with advanced skills beyond the generalist level, including administration, leadership, program and policy development, advocacy, education, and theory development. It equips graduates with the skills to develop occupational therapy services that broaden the populations we serve, expand the profession’s intellectual boundaries, and to better address complex and everchanging health care and education settings.

Accreditation: Yeshiva University's Occupational Therapy Doctorate program has been granted full accreditation by the Accreditation Council for Occupational Therapy (ACOTE) the American Occupational Therapy Association (AOTA) at <https://acoteonline.org>. THE OCCUPATIONAL THERAPY/OCCUPATIONAL THERAPY ASSISTANT PROGRAM IS ACCREDITED BY THE ACCREDITATION COUNCIL FOR OCCUPATIONAL THERAPY EDUCATION (ACOTE) OF THE AMERICAN OCCUPATIONAL THERAPY ASSOCIATION (AOTA), LOCATED AT 7501 WISCONSIN AVENUE, SUITE 510E, BETHESDA, MD 20814. ACOTE’S TELEPHONE NUMBER, C/O AOTA, IS (301) 652-AOTA (2682) OR (301) 652-6611, AND ITS WEB ADDRESS IS WWW.ACOTEONLINE.ORG.” (As a fully accredited program, graduates are eligible to sit for the national certification examination to qualify as an occupational therapist by the National Board for Certification in Occupational Therapy (NBCOT), Inc. An individual will be considered an Occupational Therapist, Registered (OTR) following successful completion of this certification exam. All 50 states, plus Washington, DC, Puerto Rico, and Guam, require occupational therapists to hold a license to provide occupational therapy services. The National Board for Certification in Occupational Therapy (NBCOT) administers the national certification exam. Initial certification with NBCOT is one of the core licensure requirements in the occupational therapy profession. A felony conviction may affect a graduate's ability to sit for the NBCOT certification examination as well as eligibility to obtain state licensure. For further questions, one may reach ACOTE by phone c/o AOTA, at 301-652-6611. The National Board for Certification in Occupational Therapy (NBCOT) can be reached at www.nbcot.org.

Academic Dean and/or Program Director, Faculty and Staff

- Gioia Ciani, OTD, MSOT, OTR/L, Occupational Therapy Program Director and Associate Professor
- Teresa Ludwig, OTD, MSOT, OTR/L, Academic Fieldwork Coordinator and Clinical Assistant Professor
- Goesta Schlege, PhD, OTR/L, Doctoral Capstone Coordinator and Clinical Assistant Professor
- Amiya Waldman-Levi, PhD, OTR/L, Director of Scholarship and Research and Clinical Associate Professor
- Mindy Garfinkel, OTD, OTR/L, ATP, Clinical Associate Professor
- Terese Betts, OTD, MSOT, OTR/L, Clinical Assistant Professor
- Melanie Evangelista, MSOT, OTR/L, full-time Clinical Assistant Professor
- Ariel Rosario, Jr., MA, Program Manager.

Curriculum and Degree Requirements

YU's entry-level doctorate is a full-time program and can be completed in under three years (8 semesters). YU's OTD program is transformative and empowering. The philosophy views human experience through a lifespan perspective, providing a rich context from which to understand engagement in occupations. Occupational engagement and occupation-based interventions are the central themes.

OTD Course Sequence		
Semester 1	Semester 2	Semester 3
- Occupational Therapy Profession & Practice (3 credits) - Introduction to Doctoral Fieldwork I (1 credit) - Assessment & Screening I (3 credits) - Introduction to Scholarship and Research (2 credits) - Clinical Skills & Procedures (2 credits) Anatomy and Human Movement (5 credits)	- Occupational Performance in the Older Adult Population (5 credits) - Skills Lab: Older Adult (2 credits) - Fieldwork I – Older Adult (1 credit) - Assessment & Screening II (2 credits) - Brain, Behavior and Occupation (3 credits) - Scholarship and Evidence-Based Practice I (3 credits) - Occupations in Practice through the Lifespan (2 credits) - Introduction to Doctoral Studies (1 credit)	- Occupational Performance in the Adult Population (5 credits) - Skills Lab: Adult (2 credits) - Fieldwork I – Adults (1 credit) - Scholarship and Evidence-Based Practice II (3 credits) - Preparatory Methods I (3 credits) - Assistive Technology (4 credits)
Semester 4	Semester 5	Semester 6
- Occupational Performance in the Child and Adolescent Population (5 credits) - Skills Lab: Children and Adolescents (2 credits) - Fieldwork I-Children and Adolescents (1 credit) - Doctoral Fieldwork II (1 credit) - Preparatory Methods II (4 credits) - Occupational Wellness (4 credits) - Leadership and Advancement in Practice (4 credits)	- Preparation for Doctoral Professional Practice (1 credit) - Fieldwork II-A (12 credits)	- Capstone Project I (1 credit) - Fieldwork II-B (12 credits)
Semester 7	Semester 8	

• Capstone Project II (2 credits) • Capstone Experience I (5 credits)	• Capstone Experience II (6 credits) • Capstone Experience III (2 credits)
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Clinical Education

Health Requirements

Please note that the University requires its students to be fully vaccinated against COVID-19. Students attending a program with a clinical training component are subject to this policy. Medical and religious exemptions are not available for students in a University clinical training program due to the requirements of external clinical sites and other circumstances which would place an undue burden on the University to provide the accommodation. You should bear this in mind when applying to the program. The University will not refund any fees or other payments if you are unable to enroll or otherwise complete the program.

OTD Admissions Requirements

Candidates for the Occupational Therapy Doctorate program must have completed a bachelor's degree from an accredited college or university and have all prerequisite coursework outlined below. The last 60 credits of undergraduate coursework must meet a minimum 3.0 GPA.

Applicants applying to the Occupational Therapy Doctorate program need to apply through the **Occupational Therapy Centralized Application Service** (OTCAS). The application portal will have specific admissions requirements including: application portal will have specific admissions requirements including: application portal will have specific admissions requirements including:

- Official transcripts from all colleges and universities attended within the last 10 years.
- Résumé
- 2 letters of recommendation: at least 1 from a licensed occupational therapist; 1 letter may be from a faculty member/advisor. Letters from friends or family members will not be accepted.
- Personal statement demonstrating a commitment to contribute to and complete the program
- Verification of 40+ volunteer or observation hours from OT setting(s) of choice.
- TOEFL or IELTS scores (for candidates whose bachelor's degrees were earned at a non-English-speaking institution)
- *NACES course-by-course evaluation (for degrees completed outside of the US and English speaking Canada)*
- *Minimum TOEFL score on tests taken within the last two years: 100 (internet-based test)*
- *Minimum IELTS score on tests taken within the last two years: 7*

Prerequisite Coursework

- Two courses in the humanities or social sciences (anthropology, philosophy, religion, ethics, cultural studies, group dynamics) (3 credits each)
- One course in statistics (3 credits)
- One course in human anatomy, plus lab (3 credits)
- One course in physiology, plus lab (3 credits)
- One course in human development or lifespan (3 credits)
- One course in abnormal or behavioral psychology (3 credits)

Applicants must have obtained a cumulative 3.0 grade point average (GPA) in program prerequisite courses (from accredited universities) within the last 10 years. Applications may be submitted during enrollment in an

undergraduate degree program or during completion of prerequisite coursework. The last 60 credits of undergraduate coursework must meet a minimum 3.0 GPA.

MS in Physician Assistant Studies

Physician Assistants (PAs) are medical professionals who diagnose disease, develop and implement treatment plans, perform surgical procedures, prescribe medications, and often serve as a patient's principal healthcare provider. PAs complete thousands of hours of medical training to become versatile and collaborative clinicians. They practice nationwide, improving patient access to high quality healthcare in medical and surgical settings.

YU's 86-credit M.S. in Physician Assistant Studies is an evidence-based, medical science program that prepares future Physician Assistants for work in a variety of clinical settings. In the first-year didactic curriculum, students develop the knowledge and skills to confidently and competently participate in and provide patient-centered care on interdisciplinary healthcare teams. Didactic lectures are complemented by laboratories in which students participate in simulated patient care experiences. In the second-year clinical curriculum, students apply the skills and concepts from year one in a range of clinical settings. Each student rotates through seven five-week core clinical disciplines and three five-week electives at clinical sites throughout the New York area. Core rotations include family medicine, primary care, internal medicine, surgery, emergency medicine, women's health, pediatrics, and behavioral health.

Clinical electives cover a wide variety of medical and surgical specialties. The PA program fosters high ethical standards, dedication, cultural competence, communication skills, interpersonal skills, and professionalism as well as the technical skills and medical knowledge required for clinical excellence and leadership in the field.

Accreditation Status

At its **March 2024** meeting, the Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA) placed the **Yeshiva University Physician Assistant Program** sponsored by **Yeshiva University** on **Accreditation-Probation** status until its next review in **March 2026**.

Probation accreditation is a temporary accreditation status initially of not less than two years. However, that period may be extended by the ARC-PA for up to an additional two years if the ARC-PA finds that the program is making substantial progress toward meeting all applicable standards but requires additional time to come into full compliance. Probation accreditation status is granted, at the sole discretion of the ARC-PA, when a program holding an accreditation status of Accreditation - Provisional or Accreditation - Continued does not, in the judgment of the ARC-PA, meet the *Standards* or when the capability of the program to provide an acceptable educational experience for its students is threatened.

Once placed on probation, a program that fails to comply with accreditation requirements in a timely manner, as specified by the ARC-PA, may be scheduled for a focused site visit and is subject to having its accreditation withdrawn.

The Yeshiva University Physician Assistant Program is scheduled for a focused site visit to occur in advance of the **March 2025** commission meeting. This visit will evaluate the PA Program and institutional progress in addressing specific citations identified during the course of the most recent commission review of the PA Program. Failure of the PA Program and institution to demonstrate significant progress in addressing these citations is likely to result in the withdrawal of accreditation.

Specific questions regarding the Program and its plans should be directed to the Program Director and/or the appropriate institutional official(s).

The program's accreditation history can be viewed on the ARC-PA website at <https://www.arc-pa.org/accreditation-history-yeshiva-university/>.

Academic Dean and/or Program Director, Faculty, & Staff

- Lorraine Cashin, DMSc, MPS, PA-C | Assistant Dean and Program Director | Clinical Professor
- Brian Baker, M.D., J.D. | Assistant Program Director and Clinical Associate Professor
- Charles Braun, MS, PA-C | Director of Didactic Education and Clinical Assistant Professor
- Samantha Hellerman, MS, PA-C, Faculty, Clinical Coordinator and Clinical Assistant Professor
- Lorraine Perrone, MPAS, PA-C | Director of Clinical Education and Clinical Assistant Professor
- Sondra Middleton, MHS, PA-C | Faculty | Clinical Assistant Professor
- Margaret Montoya, BS, PA-C, | Faculty | Clinical Assistant Professor
- Chana Ladaew, MS, PA-C | Faculty | Clinical Assistant Professor
- Khaled Qanud, MD, Faculty, Clinical Assistant Professor
- Christopher Rodriguez, MBA | Data Analyst and Assessment Manager
- Lori Bub, Program Manager
- Gladys Davis | Program Manager
- Nancy Guzman | Program Manager

Curriculum and Degree Requirements

YU's 86-credit M.S. in Physician Assistant Studies is a seven semester, evidence-based, medical science program that prepares future PAs to work in a variety of clinical settings.

FULL-TIME - SAMPLE COURSE SEQUENCE:		
Semester 1	Semester 2	Semester 3
• Human Anatomy (4 cr.) • Foundations in Medicine I (2 cr.) • Pharmacology I (3 cr.) • Patient Evaluation I (2 cr.) • Diagnostic Methods I (1 cr.) • Clinical Medicine I (5 cr.) • Professionalism, Policy and Practice I (1 cr.)	• Foundations in Medicine II (2 cr.) • Patient Evaluation II (2 cr.) • Pharmacology II (3 cr.) • Diagnostic Methods II (1 cr.) • Clinical Medicine II (5 cr.) • Psychosocial Medicine (2 cr.) • Research Methods I (1 cr.) • Professionalism, Policy and Practice II (1 cr.) • Clinical Skills & Procedures I (1 cr.)	• Clinical Medicine III (5 cr.) • Research Methods II (1 cr.) • Primary Care, Preventive Med, Public Health (4 cr.) • Professionalism, Policy and Practice III (1 cr.) • Clinical Skills & Procedures II (1 cr.)
Semester 4	Semester 5	Semester 6
• Internal Medicine (3 cr.) • Surgery (3 cr.) • Pediatrics (3 cr.) • Colloquium I (1 cr.)	• Family Medicine (3 cr.) • Emergency Medicine (3 cr.) • Women's Health (3 cr.) • Colloquium II (1cr.)	• Behavioral Health (3 cr.) • Primary Care (3 cr.) • Clinical Elective I (3 cr.)

Semester 7	
• Clinical Elective II (3 cr.) • Bridge to Practice (1 cr.) • PANCE preparation (3 cr.) • Capstone (2 cr.)	

Admissions Requirements

Candidates for the M.S. in Physician Assistant Studies must have completed a bachelor's degree from a regionally accredited college or university, with a cumulative minimum GPA of 3.0 and a minimum GPA of 3.0 in science. In addition, candidates must have completed all pre-requisite coursework, listed below, with a minimum overall GPA of 3.0, no more than ten years from the time of application. Candidates must also demonstrate the Technical Standards indicated below.

Individuals interested in the PA program must apply through CASPA (Centralized Application Service for Physician Assistants). A CASPA application must be *complete and verified* in order to be evaluated by the admissions committee of the Yeshiva University PA program. Application cycles open annually in May and close in January. Admission is rolling. Applicants are encouraged to apply well in advance of the January 15 deadline. The link to the CASPA application may be found at: <https://caspa.liaisoncas.com/applicant-ux/#/login>

PA application candidates must submit the following:

- Official transcripts from all colleges and universities attended
- Résumé
- Personal statement demonstrating a commitment to contribute to and complete the program
- TOEFL or IELTS scores (for candidates whose bachelor's degrees were earned at a non-English-speaking institution)
- Minimum TOEFL score on tests taken within the last two years: 100 (internet-based test)
- Minimum IELTS score on tests taken within the last two years: 7

Prerequisite Coursework

- Two semesters of general chemistry with labs (or two higher level chemistry courses with lab)
- Two semesters of general biology with lab (or two higher level biology courses with lab)
- One semester of statistics (or biostatistics)
- One semester of microbiology
- One semester of human anatomy with a lab
- One semester of human physiology (at least three credits)

Technical Standards

Candidates for admissions to YU's PA program must meet the following technical standards, with reasonable accommodations consistent with federal, state, and local statutes, rules, and regulations:

Observation:

The ability to observe is required for demonstrations, visual presentations in lectures and laboratories, laboratory evidence and microbiological cultures, microscopic studies of microorganisms and tissues in normal and pathological states. A candidate must be able to observe patients accurately and completely, both closely and from a distance. Observation requires functional vision and somatic sensation and is enhanced by a sense of smell.

Communication:

A candidate should be able to speak, hear, and observe patients in order to elicit information, perceive non-verbal communications, and describe changes in mood, activity and posture. The candidate must be able to communicate effectively and sensitively with patients including not only through speech but also through reading and writing. Communication in oral and written form with the health care team must be effective and efficient.

Motor:

A candidate should have sufficient motor function to elicit information from patients by palpation, auscultation and percussion, as well as carry out diagnostic maneuvers. A candidate should have motor function sufficient to execute movements reasonably required to provide general care and emergency treatment to patients. Such skills require coordination of gross and fine muscular movements, equilibrium and sensation.

Intellectual-Conceptual, Integrative and Quantitative Abilities:

Problem solving is a critical skill demanded of physician assistants; this skill requires all these abilities. The candidate must also be able to comprehend three-dimensional relationships as well as the spatial relationship of structures.

Behavioral and Social Attributes:

A candidate must have sufficient emotional health to fully use his or her intellectual ability, to exercise good judgment, complete all responsibilities, and attend to the diagnosis and care of patients. A candidate must be able to develop mature, sensitive and effective relationships with patients and colleagues. A candidate must be able to tolerate physical and emotional stress and continue to function effectively. A candidate must possess qualities of adaptability, flexibility and be able to function in the face of uncertainty. S/he must have a high level of empathy and compassion for others, motivation to serve, integrity, and a consciousness of social values. A candidate must possess sufficient interpersonal skills to interact positively with people from all levels of society, all ethnic backgrounds, and all belief systems.

Student Selection

Selection of students is a two-step process. The process includes the evaluation of applications and subsequent applicant interviews. The evaluation of applications and applicant interviews are both conducted by the Yeshiva University PA Program Admissions Committee.

Admission to the PA program is very competitive. Admission is based upon applicant academic achievement and individual character traits. The Admissions Committee recognizes its responsibility to present candidates for PA certification that have the maturity, integrity, knowledge, fortitude, generosity, as well as communication and leadership skills needed to function in a broad variety of clinical situations. The program therefore gives preference to applicants who have dedicated themselves to community service, held leadership roles, demonstrated personal resilience, have excellent communication skills, and have earned higher overall and science GPAs.

Applicants selected for interview will be notified by email. If the applicant accepts the interview invitation, an interview schedule and agenda will be emailed to the applicant.

Offers of interviews and acceptance into the PA program are made on a rolling basis. Applicants offered a seat in the PA program will receive notification via email.

MS in Speech-Language Pathology

The Katz School's M.S. in Speech-Language Pathology, based in New York City, is one of the few SLP programs in the country specializing in the medical aspects of speech-language pathology. Our master's program takes a multidisciplinary approach to diagnosing and treating speech, language, swallowing, and communication cases across the lifespan. With three options to pursue your studies—full-time on-campus, full-time online or part-time online—you can choose the program that fits your schedule.

While at YU, students participate in four clinical externships, learn how to conduct telehealth sessions, and gain clinical experience under the guidance of faculty, supervisors, and mentors. Within the coursework, students utilize technology, such as endoscopy, electrical stimulation and ultrasound, to assist with the diagnosis of voice, speech and swallowing disorders. They also obtain the necessary counseling skills to support families facing a challenging diagnosis. In addition, students have the opportunity to attend professional conferences, contribute to scholarly publications, and integrate evidence-based practice into clinical practice.

Statement of Diversity, Inclusion and Equality

The graduate health science programs at the Katz School of Science and Health prioritize individual dignity and promote a culture of diversity, inclusivity, and equity in a supportive patient care, learning, and research environment. We are committed to creating a community that recognizes and embraces diverse backgrounds and identities.

Every student, faculty member, patient and their family will be treated with respect, dignity, and professionalism. We do not tolerate or condone discrimination.

We are committed to delivering health care and education in a manner that respects diversity and inclusivity with the full intent of achieving better health, happiness, quality of life, and communication outcomes for all.

Requirements for Professional Practice

The MS in Speech-Language Pathology seeks to develop professionals who are knowledgeable, skilled and ethical in the assessment, diagnosis and treatment of communication disorders, and who are knowledgeable of the state and national requirements for documentation of services rendered. Successful completion of the program prepares you to meet the academic and clinical requirements to apply for certification from the American Speech-Language Hearing Association (ASHA) and licensure in the State of New York. The following guidelines pertain to national and state licensure:

- [New York State Guidelines](#)
- [National Guidelines](#)
- [Requirements for Ethical Practice as a Speech-Language Pathologist](#)
- [Essential Functions](#)

Accreditation

The Master of Science (M.S.) education program in speech-language pathology residential and distance education at Yeshiva University is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology of the American Speech-Language-Hearing Association, 2200 Research Boulevard, #310, Rockville, MD 20850, 800-4982071 or 301-296-5700.

Academic Dean and/or Program Director and Faculty

The Speech-Language Pathology faculty are world-renowned practitioners, clinicians, and researchers at the forefront of the field. Throughout the program, you will benefit from close faculty mentorship and opportunities to collaborate with the faculty.

- Dr. Marissa A. Barrera, Assistant Dean of Health Sciences, Program Director, Associate Professor

- Dr. Julia Agosto Clinical, Assistant Professor and Clinical Supervisor
- Prof. Andrew Christler, Director of Clinical Education and Clinical Assistant Professor
- Dr. Troy C. Dargin, Director of Online Programs and Clinical Associate Professor
- Prof. Kathleen Fitzgerald, Director of Online Clinical Education and Clinical Assistant Professor
- Prof. Bonni Lipton, Clinical Education Specialist
- Prof. Dylan Mandel Clinical Assistant Professor and Clinical Supervisor
- Dr. Michaela Medved, Director of Sara Schenirer Programs and Clinical Associate Professor
- Dr. Elisabeth Mlawski, Director of On Campus Programs and Clinical Associate Professor
- Dr. Barbara O'Connor Wells, Alpha Eta Honor Society President, Clinical Associate Professor
- Dr. Laura Sylvia, Clinical Associate Professor
- Dr.. Katie Threlkeld, Director of the Katz Virtual Clinic and Clinical Assistant Professor

Curriculum and Degree Requirements

The MS in Speech-Language Pathology curriculum prepares students to be a clinician in diverse patient-care settings with a commitment to patient-centered and ethical practices. Courses provide hands-on experience ranging from pediatric diagnostics/treatment to complications from communication disorders facing geriatric patients. You will have ample opportunities to collaborate with exceptional faculty, including the chance to incorporate elements of your research interests into an individualized capstone project. Beyond your classes, you will have the opportunity to contribute at practitioner conferences and in scholarly publications.

Course Requirements and Sample Sequence

The full-time Master's in Speech-Language Pathology requires 55 semester hours of coursework and is completed in five successive semesters. Degree completion requires students to complete all of the courses outlined below plus 400 supervised clinical contact hours and sitting for the Praxis exam.

The Master's in Speech-Language Pathology requires 55 semester hours of coursework. The program is offered in the following formats:

- On-campus – full-time — 5 successive semesters
- Online/distance education- full-time — 5 successive semesters
- Online/distance education- part-time — 8 successive semesters

Full-Time Course sequence		
COURSES – YEAR 1		
Fall 1 – 12 Credits	Spring 1 – 12 Credits	Summer 1 – 12 Credits
Child Language Development and Usage (3 credits)	Child Language Disorders (3 credits)	Syndromes and Craniofacial Anomalies (3 credits)
Research Methods and Clinical Assessment of Literature (3 credits)	Neuromotor Speech Disorders (3 credits)	Pediatric Swallow and Airway Management (2 credits)
Communicating with Patients and Families (3 credits)	Geriatric Dysphasia and Airway Management (3 credits)	Voice Disorders. (3 credits)
Speech Sounds Disorders and Accented Speech (2 credits)	Diagnostic Methods in SLP (2 credits)	Role of SLP in Schools (3 credits)
Professional Issues/Topics in SLP Level 1 (1 credit)	Clinical Externship in SLP Level 1 (1 credit)	Clinical Externship in SLP Level 2 (1 credit)

COURSES – YEAR 2		
Fall 2 – 10 Credits	Spring 2 – 9 Credits	
Cognitive and Higher Level Language Disorders (3 credits)	Stuttering and Related Fluency Disorders (3 credits)	
Aphasia Rehabilitation (3 credits)	Speech-Language for Hearing Impaired (3 credits)	
Alaryngeal Speech and Management of Head/Neck Cancer (2 credits)	Professional Issues/Topics in SLP: Level 3 (1 credit)	
Professional Issues/Topics in SLP Level 2 (1 credit)	Capstone Project (1 credit)	
Clinical Externship in SLP: Level 3 (1 credit)	Clinical Externship in SLP Level 4 (1 credit)	

Part-Time Course Sequence YEAR 1		
Fall 1 – 6 Credits	Spring 1 – 6 Credits	Summer 1 – 9 Credits
Child Language Development and Usage (3 credits)	Child Language Disorders (3 credits)	Syndromes & Craniofacial Anomalies (3 credits)
Speech Sounds Disorders and Accented Speech (2 credits)	Diagnostic Methods in SLP (2 credits)	Voice Disorders. (3 credits)
Professional Issues/Topics in SLP Level 1 (1 credit)	Clinical Externship in SLP Level 1 (1 credit)	Role of SLP in Schools (3 credits)
Part-Time Course Sequence YEAR 2		
Fall 2 – 12 Credits	Spring 2 – 9 Credits	Summer 2 – 6 Credits
Communicating with Patients and Families (3 credits)	Stuttering and Related Fluency Disorders (3 credits)	Pediatric Swallow and Airway Management (2 credits)
Aphasia Rehabilitation (3 credits)	Neuromotor Speech Disorders (3 credits)	Cognitive and Higher Level Language Disorders (3 credits)
Clinical Externship in SLP Level 2 (1 credit)	Geriatric Dysphasia and Airway Management (3 credits)	Clinical Externship in SLP Level 3 (1 credit)

Part-Time Course Sequence YEAR 3	
Fall 3 – 6 Credits	Spring 3 – 6 Credits
Alaryngeal Speech and Management of Head/Neck Cancer (2 credits)	Speech-Language for Hearing Impaired (3 credits)
Research Methods & Clinical Assessment of Literature (3 credits)	Professional Issues/Topics in SLP: Level 3 (1 credit)
Professional Issues/Topics in SLP Level 2 (1 credit)	Capstone Project (1 credit)
	Clinical Externship in SLP Level 4 (1 credit)

Clinical Externships – Health Requirements

Please note that the University requires its students to be fully vaccinated against COVID-19. Students attending a program with a clinical training component are subject to this policy. Medical and religious exemptions are not available for students in a University clinical training program due to the requirements of external clinical sites and other circumstances which would place an undue burden on the University to provide the accommodation. You should bear this in mind when applying to the program. The University will not refund any fees or other payments if you are unable to enroll or otherwise complete the program.

Admissions Requirements

YU participates in the [Communication Science and Disorders Centralized Application Service](#) (CSDCAS). Applicants should apply using the [CSDCAS application](#).

Successful candidates to the MS in Speech-Language Pathology must have:

- A bachelor's degree from an accredited college or university
- Official transcripts from all colleges and universities attended
- GRE Scores are preferred but not required for the 2025-2026 academic year.
- Resume
- Personal statement demonstrating a commitment to contribute to and complete the program
- Two letters of recommendations
- Proof of 25 observation hours signed off by an ASHA certified SLP
- Non-native English speakers must pass the TOEFL (program code 7619) with a minimum score of 550 (or 100 on the computer-based test). Additional accent reduction or ESL instruction may be required.

Prerequisite coursework:

Applicants must show proof of satisfactory completion of all prerequisite coursework. Prerequisites may be fulfilled with courses taken at the graduate or undergraduate levels.

Pre-Requisites that need to be completed with a grade C or higher by August 1, 2026:

- Speech Science
- Hearing Science
- Phonetics

- Statistics
- Introduction to Speech-Language Pathology
- Chemistry or Physics
- Biology
- Social or Behavioral Science
- Proof of 25 observation hours signed off by an ASHA certified SLP