



Online Master of Science Clinical Nutrition



New York Institute
Of Technology
Old Westbury, NY 11568

MS in Clinical Nutrition

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Graduate Program in Clinical Nutrition Online Handbook

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The Program

The clinical nutrition graduate program at New York Institute of Technology (NYIT) was created in traditional format in 1984. We now offer this program in a flexible totally online format to meet a variety of professional needs. This clinically focused program integrates biomedical and nutrition sciences to develop an understanding of medical nutrition therapy.

Many students in our program have undergraduate backgrounds in nutrition and wish to increase their level of expertise in the field. Others come from strong science foundations and intend to practice as physicians, dentists, physician's assistants and other health professionals. Our program does NOT include all didactic and educational requirements for becoming a registered dietitian (RD).

Program Learning Outcomes

1. Students will be able to describe nutrient characteristics, food sources, bioavailability, and utilization within the body.
2. Students will be able to describe the pathophysiology, risk factors, and clinical manifestation of diseases related to nutrition.
3. Students will be able to describe both normal and therapeutic nutrition needs of both adults and children and design specific dietary plans.
4. Students will be able to describe and perform appropriate methods of nutrition assessment and interpretation of results.
5. Students will be able to critically read and interpret professional literature.
6. Students will be able to effectively communicate course related material in presentation to classmates and others.

Prerequisites for Admission

Required are at least one semester each of introductory chemistry, organic chemistry, anatomy, physiology, all with labs, and introductory nutrition. An undergraduate GPA of at least 2.8 is required but students with lower GPAs may be considered based on an interview. Letters of recommendation are not required. Students with GPAs below 2.8 may be asked to take the GREs but GREs are not required if the GPA is above 2.8.

We have rolling admissions which means that we will accept qualified students up until the week before the fall or spring semester starts if all official transcripts have been submitted in time for departmental review.

Transfer credit from another graduate program will be accepted if the coursework did not count for another degree, grade received was at least a B, the course was taken at a regionally accredited college and we offer a comparable course. No more than six transfer credits will be considered.

36 Credit Curriculum

Descriptions of all courses can be found on our [website](#). Please note that some courses are offered only during the Fall, Spring or Summer semesters. Program sequence and semester course loads are worked out between student and advisor on an individual basis based on previous background and

Degree Checklist:

The Nutrition Science Core 6 credits

- CLNU 610-F01 Molecular Biology of the Nutrients I-Fall (Dr. Bowers) 3 credits
- CLNU 680-F01 Molecular Biology of the Nutrients II -Spring (Dr. Bowers) 3 credits

The Clinical Core 18 credits

- CLNU 635-F01 Community Nutrition – Fall, Spring (Dr. Haar) 2 credits
- CLNU 640-F01 Critical Care/Nutrition Support – Spring (Dr. Bowers) 2 credits
- CLNU 650-F01 Nutritional Pathophysiology I –Fall (Dr. Gerweck) 3 credits
- CLNU 670-F01 Clinical Nutrition Assessment Fall (Prof. Donaldson-Kaiser) 2 credits
- CLNU 720-F01 Nutritional Pathophysiology II –Spring (Dr. Gerweck) 3 credits
- CLNU 750-F01 Clinical Nutrition: Theory and Practice I-Fall (Dr. Mongiello) 3 credits
- CLNU 770-F01 Clinical Nutrition: Theory and Practice II-Spring (Dr. Mongiello)3 credits

Elective Credits Choose 12 credits

- CLNU 615-F01 Topics in Applied Nutrition-Spring (Prof. Chiariello) 3 credits
- CLNU 625-F01 Techniques in Epidemiology and Biostats –Spring (Dr. Wong) 3 credits
- CLNU 630-F01 Critical Issues in the Food Supply- Summer(Prof. Chiariello) 2 credits
- CLNU 645-F01 Nutritional Contributions of Food - Fall (Prof. Chiariello) 2 credits
- CLNU 710-F01 Special Topics in Clinical Nutrition- Summer (Dr. Bowers) 2 credits
- CLNU 774-F01 Exercise Physiology for Nutrition –Fall (Prof. Marshall) 3 credits
- CLNU 772-F01 Nutritional Pharmacology –Summer (Dr. Gerweck) 3 credits
- CLNU 779-F01 Nutrition Oncology – Summer (Dr. Mahabir) 4 credits
- CLNU 787/8/9-W01 Independent Study Fall, Spring, Summer (Dr. Haar) 1 credit each

Required at completion of program: CLNU 799 Comprehensive Exam 0 credit

Faculty and Staff

Full time:

Mindy Haar, PhD, RDN, CDN, FAND

Director of Program Development

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Lorraine Mongiello, DrPH, RDN, CDE

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Part time:

Diana F. Bowers, PhD, RN/BSN, RD/LD

Adjunct Assistant Professor

dbowers@nyit.edu

Dr. Bowers earned her doctorate from The Ohio State University in nutrition and metabolism, with dissertation research focusing on the identification of acetyl Co-A carboxylase as a glycoprotein. Her clinical nutrition focus is in metabolic support and enteral and parenteral nutrition and at NYIT teaches Molecular Biology of the Nutrients, Critical Care/Nutrition Support.

Colleen Chiariello, MS, RDN

Adjunct Instructor

ccharie@nyit.edu

Prof. Chiariello is the chief clinical dietitian at a Long Island healthcare facility with interest in gerontology, diabetes, weight management and nutrition research. She has also been active in improving the quality of school nutrition options. At NYIT she teaches three graduate courses: Issues in the Food Supply, Nutritional Contributions of Food and Topics in Applied Nutrition.

Denise Donaldson Kaiser, MBA, MS, RDN

Adjunct Instructor
ddonalds@nyit.edu

Prof. Donaldson Kaiser incorporates her many years of clinical nutrition experience into her graduate Nutrition Assessment course and undergraduate Introduction to Food Science course. A former Dietetic Internship Director, she is presently chief clinical dietitian at a Long Island healthcare facility.

Catherine Gerweck, DMD, RDN

Adjunct Assistant Professor
cgerweck@nyit.edu

After practicing dentistry for twelve years, Dr. Gerweck became a certified chef and registered dietitian. She has taught nutrition at the New England Culinary Institute, University of New Hampshire, and University of Nevada medical school. At NYIT, Dr. Gerweck teaches Nutrition Pathophysiology I & II and Nutrition Pharmacology in our graduate program Introductory Nutrition in our undergraduate program.

Somdat Mahabir, PhD, MPH

Adjunct Professor
Old Westbury Campus
smahabir@nyit.edu

A graduate of the NYIT MS in Clinical Nutrition, Dr. Mahabir went on to complete a PhD in Nutrition, an MPH and a diploma in Cancer Prevention. Presently, he is the Program Director, Modifiable Risk Factors Branch in the Epidemiology and Genetics Research Program, Division of Cancer Control and Population Sciences at National Cancer Institute. He teaches Nutrition Oncology at NYIT.

Allison Marshall, MS, RDN, CDE

Adjunct Instructor
amarsh02@nyit.edu

Professor Marshall is director of a local nutrition and diabetes education center and has taught at Hunter College. Her expertise includes patient-centered counseling approach in the management of chronic disease. She teaches Exercise Physiology for Nutrition at NYIT.

Jill Silverman, PhD, RDN

Adjunct Assistant Professor

Old Westbury Campus

jsilverm@nyit.edu

Dr. Silverman received her doctorate from Columbia University where her research focused on lipids and epidemiology. She is presently a nutritionist in private practice. At NYIT she developed and teaches an undergraduate course, Lifestyle and Weight Management.

Sally Wong, PhD, RDN, CDN

Adjunct Assistant Professor

swong10@nyit.edu

Dr. Wong received her doctorate in nutrition from New York University. She is presently the Associate Science and Medicine Advisor for the American Health Association National Center where she supports the development of effective childhood obesity policy positions. At NYIT, she teaches Techniques in Biostatistics on the graduate level and Health Informatics on the undergraduate level.

Online Education

What are my time constraints? If you are working full time, part time and/or have personal obligations, take out your weekly calendar and realistically ask yourself how many hours you can devote to your studies. Decide how much of your leisure time you are ready to give up. You may want to start with just one course your first semester to get acclimated, especially if you haven't been in school in a while. While you may be eager to complete the program, taking fewer credits per semester may take longer to finish but assure success. On average, students devote 9-12 hours per 3 credit course. Be realistic and do not overextend yourself.

What type of student are you? Those who are motivated, independent learners and good at time management have the odds on their side starting out. However, those in the past who had difficulties in this area, with proper expectations and preparation can succeed. Since you are not actually "there" it is very easy to push aside work and procrastinate. Some instructors penalize for late submission of assignments and will only give grades of "incomplete" to those with extenuating circumstances while other instructors may be more liberal with adhering to assignment due dates.

How do online courses work? Courses are asynchronous which means that students are never told a specific time they must log in each week. However, each week instructors expect that students complete a specific amount of work: This usually includes specified reading, viewing a PowerPoint presentation, participation on the discussion boards where students and the instructor interact, doing an assignment which may be answering questions on a case study or analyzing information on a website. For some of the basics on how these courses work, click [here](#).

THE ADMISSION PROCESS

Check that you have met the [admission requirements](#). US students should apply online by filling out the graduate application [here](#) and international students can apply by following directions [here](#). All transcripts (and other documents, if applicable) should be sent to:

Office of Graduate Admissions
New York Institute of Technology
Northern Blvd
Old Westbury, NY 11568

The admissions office will contact you if there is missing information from your file. Any questions about the program can be directed to Dr. Mindy Haar, director, at mhaar@nyit.edu. Once you are admitted, you will be contacted by the admissions office and asked to:

1. Contact program director, Dr. Mindy Haar at mhaar@nyit.edu or call 516-686-3818 if you have further questions about the program. Dr. Haar will assign you a full time faculty member as your advisor throughout the program.
2. If you are missing introductory nutrition or up to one of the science pre-requisites, you may be conditionally admitted. You may take up to 8 credits in the programs while completing the pre-requisites. There are graduate courses that you may be advised not to take until you've completed all pre-requisite coursework.

THE REGISTRATION PROCESS

Setting up email account: Your NYIT e-mail account allows you to conduct academic and financial business with NYIT. Once you know your NYIT ID#, you can set up your password and email account by going [here](#). [MY NYIT](#) is the gateway to email, registration tasks and Blackboard, the online course delivery platform. Your NYIT e-mail is the main form of communication for students about academic and college-wide notices and/or changes, and allows you to register for classes, obtain grades, and academic progress reports. You can also forward your NYIT e-mail to your personal e-mail.

To register: Once you've spoken to your advisor about semester classes and she has confirmed that you have been cleared by the registrar to register online, log into [MY NYIT](#). (It is also accessible. It is also accessible from the school home page www.nyit.edu -> current students on the top menu -> MY NYIT. Use the Schedule Planner tool to prepare your schedule. Send your selected schedule to your shopping cart and follow the steps to complete your course registration. If you have difficulty, you can contact [Student Solutions Center](#) or Dr. Haar at mhaar@nyit.edu.

While any add/drop changes can be done through NYIT connect as well, please note that withdrawal from courses CANNOT be done over NYITconnect after the second week of the semester. You must inform your instructor of your desire to withdraw and the instructor with assistance of the department completes the procedure.

Satisfy your tuition bill:

Once you register for your classes, your tuition fees for the semester are available. Current tuition fees are listed [here](#). Tuition payment is due on January 1 for the Spring semester and August 1 for Fall semester. You may pay your tuition by check, money order or credit card. To mail in a check or money order please send to the below address. To pay by credit card please log into NYIT Connect (see instructions above). NYIT also offers affordable payment plans through [Tuition Pay](#).

Questions about payments and/or financial holds can be addressed to the bursar:

[NYIT Office of the Bursar](#)

Northern Blvd.

Old Westbury, NY 11568

516.686.7510

Please visit our [Office of Financial Aid](#) for information about financing your education.

LOGGING ON TO ONLINE CLASSES

The graduate credit components of the courses require use of Blackboard for accessing the course materials and submission of assignments. To use online services you will need your NYIT student ID. The courses you are registered for will not show up on your Blackboard page until the first day of school. Many instructors do list their textbooks in advance so this information may be accessible in advance of the start of the semester.

You can enter Blackboard by first logging into [NYIT Connect](#). You can also directly log into the online campus without going through NYIT connect: <https://nyitonline.nyit.edu/> Let's take a look together [here](#) . Click [here](#) for additional instructional videos on getting around Blackboard.

If you have difficulty logging into the system or need other technical support please contact the helpdesk at: [Helpdesk Website](#)

If you are uncertain about taking a course after you've registered for it, please contact your advisor by phone or email to discuss the matter. Once you've logged in and participated you are considered as having attended the class which will affect your refund if you decide to drop the course during the first three weeks of the course.

Each instructor has varying requirements for each course. In general, students must log on a minimum of twice weekly but most students log on more frequently.

USING THE NYIT LIBRARY

All students registered in online courses have virtual access to our library. When accessing the library from outside of NYIT, you may be prompted at some points for log in information. This is the same log in you use to access NYIT email.

You can go to the library by:

1. Go to the [NYIT homepage](#), and on the bottom left click “libraries”/
2. Or go directly to the library by clicking [http:// nyit.edu/library/](http://nyit.edu/library/)

Our department has worked with the NYIT library to prepare a lib-guide of hundreds of nutrition resources: <http://libguides.nyit.edu/nutrition>

On the left side of the main library page is the Library Catalog and Find Journal sections.

Please note: If you find a research article through a database search but only the abstract is directly available from the database, check to see in the abstract if NYIT subscribes to that journal. If so, go back to the main library page and on the left click NYIT Journal Locator to go directly to that journal.

ACADEMIC INTEGRITY AND PLAGIARISM POLICY

The MS in Clinical Nutrition follows the policies for NYIT graduate students that can be found [here](#) . It is critical that anything you submit that is not your original idea is properly cited. Using anything verbatim from another source must appear in quotes, even if the resource is cited. We take cases of plagiarism extremely seriously!

Each student enrolled in a course at NYIT agrees that, by taking such course, he or she consents to the submission of all required papers for textual similarity review to any commercial service engaged by NYIT to detect plagiarism. Each student also agrees that all papers submitted to any such service may be included as source documents in the service’s database, solely for the purpose of detecting plagiarism of such papers.

Plagiarism is the appropriation of all or part of someone else’s works (such as but not limited to writing, coding, programs, images, etc.) and offering it as one’s own. Cheating is using false pretenses, tricks, devices, artifices or deception to obtain credit on an examination or in a college course. If a faculty member determines that a student has committed academic dishonesty by plagiarism, cheating or in any other manner, the faculty has the academic right to 1) fail the student for the paper, assignment, project and/or exam, and/or 2) fail the student for the course and/or 3) bring the student up on disciplinary charges, pursuant to Article VI, Academic Conduct Proceedings, of the Student Code of Conduct.

Anti-plagiarism software is employed across the program that can detect verbatim inclusion of material from journals, books and online sources as well as work previously submitted by other students.

PROBATION AND ACADEMIC STANDING

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

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

GRADING

Faculty members set forth the grading policies for each course in the course syllabus. Students must maintain a GPA of 3.0 and are placed on probation each semester they fail to do so. Failure to maintain a 3.0 for the two semesters can be a basis for dismissal from the program.

The following is the school policy on awarding a grade of Incomplete:

Incomplete A grade given at the discretion of the instructor when a student who has completed **at least two-thirds of the course work** and is unable to complete the requirements of the course because of uncontrollable and unforeseen circumstances. The student must convey these circumstances in writing from their NYIT email account to the instructor prior to the final day of the course. If an instructor decides that an "Incomplete" is warranted, the instructor must convey the conditions for removal of the "Incomplete" to the student in writing. An "Incomplete" is not assigned when the only way the student could make up the work would be to attend a major portion of the class when next offered.

If an Incomplete grade is given, the student must complete the work according to the schedule set forth by the instructor. The instructor must then fill out a "Change of Grade Form" and submit to the registrar by the following deadlines:

Fall courses: by August 31 of the following year

Spring courses: by December 20 of that year

Summer courses: by December 20 of that year

Please note the above deadlines are based on when the registrar must receive the form from the instructor. The instructor has the right to set much earlier deadlines based on their schedule constraints, time to grade and the work and facilitate completion and submission of the paperwork. If the

incomplete is not resolved, the Incomplete will turn to an F by the registrar's office. Once this happens, there is no recourse and the grade cannot be changed at that point.

WITHDRAWING FROM A COURSE

Students wishing to withdraw must send an email to the instructor who will then sign a withdrawal form and send to the registrar. Students who are on campus may bring the instructor a withdrawal form to sign and then submit the form with their signature to the registrar.

Please consult the college bulletin regarding tuition refund. After the fourth week of class, there is no tuition refund at all. If you log on to the course even one time, you are considered as having attended the class and can get no more the 75% refund if formally withdrawn during the first week.

First half of semester: W grade is assigned

Second half of semester: W or WF (withdrawn failing) may be assigned

GRADE APPEAL

Students who are not satisfied with their grade must follow the grade appeal process as described [here](#). Please note, you should inform the instructor that you wish to appeal the grade as soon as possible. The grade appeal process must start before the end of the second two week of the semester following the contested grade. After that time, a student no longer has recourse for having the grade reconsidered.

MAINTAINING MATRICULATION IN THE PROGRAM

Once admitted, students can take anywhere from 2 to 15 credits per semester depending on their other obligations. Students may take up to five years to graduate from the time they started the program. If, for some reason a student cannot take any courses during a fall or spring semester, they must register for CLNU-699-W01, Maintain Matriculation. Failure to do so results in requiring readmission to the program at the point they wish to return.

Students are required to maintain a GPA of 3.0 while in the program. Students with GPAs falling under 3.0 are placed on probation and confer with their advisors to develop strategies for improvement. Please note that after two semesters on probation, a student may have difficulty in continuing to get any type of financial aid.

GRADUATION

To graduate, a student must complete 24 credits of required courses, 12 credits of elective courses and must pass a Comprehensive Exam during the last semester of enrollment. The Comprehensive Exam is

an online 100 question multiple choice exam that is taken online during the last semester of attendance (grade is pass/fail). A minimum overall program GPA of 3.0 is required for graduation. An application to graduate must be made to the registrar through NYIT Connect by the second week of the last semester of enrollment. Students are invited to attend graduation ceremonies taking place each May at our main campus in Old Westbury. Students graduating in December or August are also included to the May graduation: All information is sent through the NYIT email address so graduates should keep checking that address for updates.

Students take anywhere from two years to five years to complete the program depending on how many credits are taken each semester. Each semester students can assess what an appropriate credit load would be to assure they can successfully move through the program at their own pace.