



## Information for students interested in the MS Nutrition Programs

### What are the unique features of the general MS nutrition program?

- The MS in Nutrition program has been designed for maximum curriculum flexibility to meet the professional needs and interests of each student. Faculty and advisers work closely with each student throughout their course of study to individualize the courses taken and tailor their experiences to best meet their professional goals.
- Our MS program requires a final comprehensive exam, (non-thesis MS), and 30 credits to graduate. There are only two required courses- Advanced human nutrition I, fall, (433), and Advanced human nutrition II, spring, (434) for a total of 7 credits. These 2 required courses can be taken in any order.
- Aside from the 7 credits of required courses, students must complete at least 18 graduate level credits from nutrition course electives. Remaining credit hours may be chosen from nutrition graduate courses or from other graduate level courses offered within the many Schools of the University. This flexibility means that students do individually tailor their program of study to meet their needs and interests.
- There are approximately two dozen graduate nutrition courses that are offered each year for students to select as electives. Students are encouraged to email faculty if they wish more information about a specific course or to see a course syllabus prior to registering. This list of courses can be found at the end of this document.
- Students who are interested in medical or other professional schools after completion of the MS degree carefully consider which courses are included in their program of study with their advisers to best optimize and strengthen future professional applications. Some students choose to include an array of basic science courses as well as their nutrition courses.
- Class sizes are small, generally less than 25 students. In fact, many courses will have enrollments of less than 20 students. This allows optimal interaction between faculty and students during their course of study.

### What are your dual degrees?

- Currently we have an MPH/MS dual degree. Please call or email for further information about this program.
- We also have an MD/MS dual degree for students ALREADY accepted into medical school at the Cleveland Clinic or Case Western Reserve University. Please call or email for further information about this program.

### What requirements are needed to apply?

- Students must have completed one semester of general chemistry and lab, organic chemistry and lab, and biology before applying to the program. Additional required courses include one semester of statistics, anatomy-physiology, and biochemistry, but students can take these courses during their program of study. All of these courses must be completed before the student graduates. It is best to

take these courses as soon as possible because the competencies in these pre-requisites are necessary to fully understand the graduate level nutrition course content. These are all required courses and none of them will count towards the required 30 credits to graduate;

- Any these courses, except biochemistry, can be taken at local community colleges. In this case, please be sure that all transcripts are sent to our nutrition department;
- A complete application for admission consideration includes the online application and fee, 3 letters of recommendation, official transcripts, and a one to two-page personal statement. All questions about applications can be directed to Jackie Davis, [jxd537@case.edu](mailto:jxd537@case.edu) or 216-368-5961.
- International students must include a standardized English testing score, such as a TOEFL. The University requires a TOEFL score of at least 90. Beginning winter of 2017-early 2018, the University will offer an onsite English program for students who could be conditionally accepted into a program but must first achieve the necessary English competencies. If you are interested in this information, please contact Jackie Davis for more details.
- Further information regarding how to apply to graduate programs can be found at the School of Graduate Studies website: <https://case.edu/gradstudies/prospective-students/admissions-information/>
- **Note**- currently students can only concurrently apply to one graduate program via our online system. Students wishing to apply to more than one graduate program concurrently must create a new email and account for each graduate program application.

#### **How long does it take for a student to receive a response to their application?**

- Our admissions committee meets on a regular basis to review applications which are complete. Students will usually have a response within a two-week or less period of time.
- Application status questions should be directed to Jackie Davis, [jxd537@case.edu](mailto:jxd537@case.edu) or 216-368-5961.
- We do not seek a minimum or maximum number of students to enroll each semester. Applications are judged on the merits of the individual student. Strong emphasis is placed on the student's recommendation letters.

#### **If I am interested in improving my chances of a successful admission to medical or other professional schools, why should I consider this MS nutrition program?**

- Our MS Nutrition program was designated as a Post-Bac program in May of 2015. Each fall since that date we have enrolled about 3-5 students yearly who are interested in pursuing medical and dental school after the MS degree.
- Students who entered in that first year have all been accepted into medical schools or Ph.D programs. We have a number of students who are still in the program and should finish within this next year for more data.
- Thus far students have been accepted into medical school at The Ohio State Medical School, Ohio University, Case Western Reserve University, and schools in Texas.
- Reasons why our program will meet your needs include: The flexibility of our curriculum, advising that is frequent, tailored to individual needs, with considerable interaction between faculty and student, the ability to participate in research and other experiences, and small class sizes. Many of our faculty have received Awards for teaching and mentoring excellence!
- Stop by and visit our classes, meet our professors! Schedule your visit with Jackie, ([jxd537@case.edu](mailto:jxd537@case.edu) or 216-368-5961).

### **Can the Department of Nutrition help me with financial aid?**

- Each year there are some departmental funds that are used to assist students with their tuition. When funds are available, entering students will be offered some amount of tuition assistance at the time of acceptance into the program.
- Each year there are generally some opportunities for students to assist the department in various functions. These opportunities range from a few hours to ~ 20 hours per week. Students are notified of these options sometime during the fall semester and are asked to apply if interested.
- The best information regarding all opportunities regarding financial matters is through the Office of Financial Affairs: <http://financialaid.case.edu/>

### **I am interested in becoming a Registered Dietitian Nutritionist, (RDN), can your program be of assistance to me?**

- The Department of Nutrition program is currently accredited by the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics.
- The flexibility of our MS curriculum means that students can take all of the required nutrition and science courses during their MS program of study. Most, but not all, of these courses will count towards the 30 credit hours needed to graduate.
- The full list of required nutrition and science courses necessary to apply to dietetic internship programs is available upon request from the Department.
- Depending on the student's background, it can take either 3 or 4 semesters to complete the MS degree and the required science/nutrition courses to apply to dietetic internship programs.
- Once students complete all their necessary pre-requirements, students can apply to dietetic internships in the early spring of each year.
  
- Students can apply to dietetic internship programs anywhere in the continental US via a national, an online application system <https://portal.dicas.org/>. Students will have worked with faculty to rank their preferred choices for dietetic internships, create strong, well-written personal statements and be prepared to rank their dietetic internship choices by the process due dates. On a specific date, students are then informed of whether they 'matched' to their selected dietetic internship. Our Department has faculty who are specifically trained to work with all of our students in this dietetic internship application process.
- Note- as shown on the slide at the end of this document, our Department of Nutrition dietetic internship 'match' rate is approximately 93% over a 5 year period of time, and 89% over a ten year period of time. NOTE: the national dietetic internship match rate is ~ 53%.
- Summary: Over a 5 year period of time, our dietetic internship match rate is 93%, program completion rate  $\geq 95\%$ , and Registered Dietitian (RDN) exam pass rate ~ 96%.



## DEPARTMENT of NUTRITION, GRADUATE COURSES – SPRING 2018

**NTRN 410 - Basic Oxygen and Physiological Function** (Faculty)  
ONLINE COURSE 2 credits

**NTRN 434 - Advanced Human Nutrition II** (Manor)  
Monday & Wednesday 6:00 – 7:15 PM 3 credits

**NTRN 436 - Pediatric Nutrition** (Jodi Wolff)  
Thursday 5:50 - 8:45 PM 3 credits (not being offered this spring)

**NTRN 437- Evaluation of Nutrition Literature** (Kay Rogers)

**NTRN 438 – Dietary Supplements** (Harris)  
Tuesday & Thursday 2:30 – 3:45 PM 3 credits

**NTRN 439 - Food Behavior Determinants** (Cavallo)  
Monday – Wednesday 2:15 – 3:05 pm 3 credits

- **Note: this course will switch from spring 2018 to fall 2018**

**NTRN 446 - Advanced Maternal Nutrition: Special Topics** (Al-Nimr)  
Tuesday 5:50 – 8:45 PM (On line)

**NTRN 451 – Food Service Systems Management** (TBD)  
Monday & Wednesday 3:20 – 4:35 PM 3 credits

**NTRN 452 – Nutritional Biochemistry and Metabolism** (Croniger)  
Friday 4:00 – 7:00 PM 3 credits  
Taped lectures online – some in person meetings

**NTRN 454 – Advanced Nutrition and Metabolism: Investigative Methods** (faculty)  
Tuesday & Thursday 4:30 – 5:45 PM 3 credits

**NTRN 455 - Molecular Nutrition** (Manor)  
Tuesday & Thursday 1:00 – 2:15 pm 3 credits

**NTRN 461 - Energy Dysregulation: From Obesity to Anorexia** (Kam)  
Monday & Wednesday 4:50 – 6:05 PM 3 credits

**NTRN 517 – Seminar in Dietetics II** (Cavallo)  
Monday 1:00 – 4:00 PM 4 credits (Interns only: CDI and PHN students only)

**NTRN 530 – Public Health Nutrition** (Cavallo)

Monday 9:00 – 12:00 PM 3 credits

**NTRN 533 – Nutritional Care of the Neonate** 3 credits

Monday 4:00 – 7:00 PM (Prince at UH)

Monday 1:30 – 4:30 PM (Groh-Wargo at Metro – PHN students only)

LIMITED to 5 students – ONLY those interns enrolled in MS/CDI or MS/PHN.

**NTRN 551 - Seminar in Advanced Nutrition** (Manor )

Friday 1:00 – 2:15 PM 1 credit

**NTRN 602. Special Project in Nutrition**

TBD 1-3 credits

**NTRN 610. Oxygen and Physiological Function** (Staff)

Tuesday 1:00 – 3:00 PM 2 credits

Thursday 1:00 – 2:00 PM 1 credit

## FALL 2018

**NTRN 401 - Nutrition for Community and Health Care Professionals** (Kavanagh)

Web Distance Learning 2 credits

**NTRN 433 – Advanced Human Nutrition** (Swain)

Tuesday & Thursday 1:00 - 2:15pm 4 credits

**NTRN 435 – Nutrition For Pregnancy and Lactation** (Pichette)

Friday 9:30 AM – 12:20 PM 3 credits

**NTRN 436 - Pediatric Nutrition** (Jodi Wolff)

Wednesday 5:15-8:00 PM 3 credits

**NTRN 439 – Food Behavior: Physiological, Psychological, and Environmental Determinants**

(Cavallo)

Tuesday & Thursday 2:30 – 3:45 PM 3 credits

**NTRN 440 – Nutrition for the Aging and Aged** (Barkoukis)

Tuesdays 5:30-8:00pm 3 credits

**NTRN 441 – Human Lactation**(Groh-Wargo)

Fridays 1:30-4:00pm 3 credits

**NTRN 448 – Integrative and Functional Nutrition** (Harris)

Tuesday & Thursday 10:00-11:15am 3 credits

**NTRN 452 – Nutritional Biochemistry and Metabolism** (Croniger)

Tuesday & Thursday 4:00 – 5:15 PM 3 credits

**NTRN 459 - Diabetes Prevention and Management** (Randall)

Tuesday & Thursday 1:00 -2:15 PM 3 credits

**NTRN 460 – Sports Nutrition** (Kam)

Monday & Wednesday 12:45 – 2:00 PM 3 credits

**NTRN 462 – Exercise Physiology and Macronutrient Metabolism** (Kam)

Monday & Wednesday 3:20 – 4:35 PM 3 credits

**NTRN 516 - Seminar in Dietetics I** (Kavanagh)

Monday 9:00 – 12 noon 4 credits (INTERNS ONLY: CDI and PHN students only)

**NTRN 528 – Introduction to Public Health Nutrition** (Cavallo)

Tuesday & Thursday 11:30 – 12:45 PM 3 credits

**NTRN 529 – Nutritional Epidemiology** (Thompson)

Web Distance Learning 3 credits

**NTRN 531 – Public Health Nutrition Field Experience** (Randall)

TBA 1-6 credits

**NTRN 532C – Specialized Public Health Nutrition Field Experience** (Randall)

TBA 1-6 credits

**NTRN 533 – Nutritional Care of the Neonate** (Groh-Wargo)

Monday 1:30 – 4:30 PM 3 credits

LIMITED to 5 students – class is held at MetroHealth Medical Center.

**ONLY dietetic interns enrolled in MS/CDI or MS/PHN may enroll.**

**NTRN 534 – Advanced Public Health Nutrition Field Experience** (Randall)

TBA 1-6 credits

**NTRN 551 - Seminar in Advanced Nutrition** (Manor )

Friday 4:00- 4:45 PM 1 credit

**NTRN 561 - Investigative Methods in Nutrition** (Hand)

Monday 1:00 – 4:00 PM 3 credits (Interns only: CDI and PHN students only)