

MASTER OF SCIENCE IN HUMAN NUTRITION
DIETETIC INTERNSHIP GRADUATE CERTIFICATE

STUDENT HANDBOOK
2021-2022




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INTRODUCTION

The Graduate Programs in Human Nutrition (GPHN) at Oregon Health & Science University (OHSU) encompass the Dietetic Internship (DI) graduate certificate program, the Master of Science in Human Nutrition (MSHN) program, and the Master of Science in Food Systems and Society (FSS) program. This handbook addresses the DI and MSHN programs. The requirements and policies of the [FSS program](#) are outlined in a separate handbook. The DI is a full-time 11-month graduate certificate program that provides students with the supervised practice experience needed to fulfill the competencies for dietitian nutritionists established by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). For the MSHN, there are two paths to receive this degree: one is to complete the MSHN requirements in combination with the dietetic internship (referred to as the MSDI), the other is to complete the MSHN requirements after previously completing a dietetic internship—at OHSU or elsewhere. The MSHN degree is offered with a thesis or capstone option.

After establishing foundational knowledge in an undergraduate Didactic Program in Dietetics (DPD), graduate students/interns entering the DI, MSDI or MSHN programs engage in practical, competency-based learning and professional development in addition to didactic coursework. This manifests in the DI program as supervised practice hours in a nutrition/dietetics-related setting to build core competencies for a career as a Registered Dietitian Nutritionist (RDN). In the MSHN programs, graduate students/interns focus on research, project development, and advanced critical thinking skills applicable to a career in nutrition and dietetics. In the MSDI and MSHN thesis-option, students, working under the guidance of a faculty mentor and their thesis advisory committee, complete a novel research project, analyze the data collected from the project and present the results of their project as a written thesis and oral defense. Students in the MSDI and MSHN capstone option, under the supervision of their mentor, develop a project that addresses a question or problem of practical importance such as developing an assessment or education method, evaluating an intervention, curriculum, or protocol aligned with a particular agency or practice setting. Upon completion, the project is summarized in a capstone final report and written deliverable as well as an oral presentation in the form of a seminar to faculty, graduate students/interns, and the public.

This handbook lays out the basic roadmap for three of the four tracks in the Graduate Programs in Human Nutrition (GPHN), and describes program-specific missions, procedures, policies, and recommendations. As part of the OHSU School of Medicine (SOM), the GPHN is governed by the [OHSU Code of Conduct](#), the School of Medicine (SOM) [Graduate Council By-Laws](#) , and general [OHSU Academic Policies](#) and [Student Affairs Policies](#). Graduate students/interns should familiarize themselves with these, as well as the [SOM Graduate Student Handbook](#).

For additional information and links to these policies, refer to [Appendix B](#).

Mission Statement of the Graduate Programs in Human Nutrition

The Graduate Programs in Human Nutrition supports the overall vision of OHSU, which is to improve the health and quality of life for all Oregonians through excellence, innovation and leadership in health care, education and research. A fundamental priority throughout OHSU is to enable each student to achieve their potential as a health care professional while efficiently and effectively meeting the health-related needs of the multiple communities they serve.

Our program strives to provide our students with a dynamic array of knowledge and skills so that they are prepared to practice in and advance the fields of nutrition and dietetics.

We also believe strongly in giving back to the profession, and it is our hope that students will be inspired to help others and to advocate for themselves and the profession.

ACCREDITATION

The Dietetic Internship Program, including the DI and the MSDI, is accredited by the [Accreditation Council for Education in Nutrition and Dietetics \(ACEND\)](#), the accrediting body of the Academy of Nutrition and Dietetics. ACEND exists to serve the public by establishing and enforcing quality standards for the educational preparation of dietetics practitioners, and by recognizing dietetics education programs that meet these standards. At the July 2017 ACEND board meeting, the board voted to continue full accreditation of our program for a term of seven years ending December 31, 2024. The next accreditation review of our program by the ACEND board will be in 2024.

Successfully completing the DI or MSDI at OHSU allows graduate students/interns to apply for eligibility to sit for the registration exam administered by the Commission on Dietetic Registration (CDR). To learn more about the RDN exam, contact the CDR.

[Commission on Dietetic Registration](#)

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COVID-19

Information about OHSU's response to COVID-19 and its impacts can be found on the OHSU [COVID-19](#) O2 page. Graduate student/intern specific information pertaining to modifications instituted in response to COVID-19 can also be found at this location under the [Student Onward](#) section. Graduate students/interns must become familiar with all updates and changes related to COVID-19 and consistently practice required precautionary measures. All three of the COVID-19 vaccines approved by the FDA have proved safe and highly effective in protecting people from contracting the deadly coronavirus. With that in mind, OHSU intends to require COVID-19 vaccination for anyone with an OHSU identification badge, to the fullest extent allowed by law. This includes employees, learners, volunteers and long-term vendors/contractors. OHSU badge holders may receive an exemption for religious, medical or nonmedical reasons, including an employee's role at the university, as allowed under state or federal law. All students and faculty coming to OHSU must complete the COVID Access Pass prior to arriving on campus. This must be completed daily. You can fill out the pass [here](#).

ACADEMIC CALENDAR

YEAR OVERVIEW

Graduate students/interns will be granted pre-scheduled leave during the year, which includes fall break, Thanksgiving Day and the day after Thanksgiving, winter break, spring break, and summer break (if applicable). Other holidays observed include Martin Luther King, Jr. Day, Presidents' Day, Memorial Day, Independence Day, and Labor Day. For students in a master's program, advisors should be consulted before any extended leaves are planned as students may have work to complete during holiday breaks. All interns, including MSDIs in their first year, should review and abide by the [Absences section](#) of this handbook.

For specific registration dates and deadlines, including deadlines to withdraw or receive a tuition refund, consult the Registrar's Office's comprehensive [Academic Calendar](#).

COMMUNICATION

OHSU EMAIL

All graduate students/interns are issued an [OHSU email account](#) and are expected to use this email account for all correspondence relating to the program including communication with preceptors. Graduate students/interns should check this email account daily at the minimum and respond to email requests as soon as possible. If you receive any spam emails, forward the entire message to antispam@ohsu.edu.

CONNECTING REMOTELY TO OHSU COURSES AND EVENTS

Classes and activities will be offered using a combination of in-person, hybrid, and remote modalities. Some courses will be offered synchronously (all learners link into courses/activities at a scheduled time), others will be offered asynchronously (learners view course instruction on their own schedule), while other courses will be delivered using a hybrid model. To promote active, participatory learning, all graduate students/interns are required to have access to high-speed internet and a computer with a microphone and camera to participate in classes, seminars, and other scheduled meetings when offered remotely. All graduate students/interns should explore a hardwire connection to the internet with an Ethernet cable or similar system to allow continuous participation in classes. Due to limited bandwidth, Wi-Fi can sometimes impact the ability to connect to classes. In addition, all graduate students/interns are required to download and have access to WebEx and Microsoft Teams or other virtual meeting space of choice at OHSU. Information on [WebEx](#) and [Microsoft Teams](#) and instructions for installation are provided by ITG. While there are multiple options to virtually connect with other graduate students/interns, we strongly encourage you to use WebEx or Microsoft Teams, or the platform required by OHSU, to connect about any course-related work to ensure that your communication is in compliance with OHSU's Privacy Policies. If OHSU transitions to another platform, students will be encouraged to use the updated system. If you have connectivity issues, contact ITG at 503-494-2222.

It is expected that graduate students/interns have their cameras on during class unless a need for the camera to be off has been communicated to the instructor prior to class.

STUDENT CENTRAL

[Student Central](#) serves as a home of news, information and resources for OHSU's more than 3,500 students across the schools of Dentistry, Medicine, Nursing, the OHSU-PSU School of Public Health and the College of Pharmacy.

STUDENT OFFICES, COMPUTERS & PRINTERS

The student office is located Moody 245. Computers, a printer, refrigerator, and microwave are located in the office for graduate student/intern use. Graduate students/interns are responsible for keeping this space clean and presentable, including removing trash and cleaning the refrigerator.

Additional computers and printers are located in the OHSU Library on the 3rd floor of the Biomedical Information Communication Center (BICC).

Acceptable use of GPHN printers: The GPHN provides printers for graduate student/intern use as a courtesy only, these printers are not meant to be a graduate student's/intern's primary print source. The bulk of printing should be done on the graduate student's/intern's own printer.

COPY CODES

Graduate student/interns are strongly encouraged to [apply for a copy code through the OHSU Copy Center](#) and load a small amount of money (e.g., \$5 or \$10) onto this account for use with the copier and printers in the library and other locations.

SAKAI

[Sakai](#) is OHSU's online course management system and includes a suite of useful web-based tools supporting academic communication and collaboration. Most courses have a Sakai component, which could include posted videos or assignments, supplemental reading, or as a platform to facilitate assignment submissions, quizzes, and online discussions.

Graduate students/interns log into Sakai with their OHSU credentials (username and password). The Sakai classroom management system is supported by the Sakai Help Desk which can be contacted via e-mail at sakai@ohsu.edu or by phone at 877-972-5249.

TRAJECSYS

[Trajecsyst](#) is GPHN's supervised practice tracking system for the dietetic internship. Trajecsyst will be used to track rotation and simulation hours, competencies, and preceptor evaluations. Each graduate student/intern and preceptor will have their own unique log-in to access this web-based software system. Graduate students/interns will receive an invitation from Trajecsyst and will be asked to create a user ID, which once created cannot be changed. OHSU email addresses should be used as the primary email address when using Trajecsyst. When creating a password for Trajecsyst it is required that the password also meets the requirements of the OHSU [password policy](#).

BLUE COURSE EVALUATIONS

To continually improve and refine course content and delivery, OHSU has developed a standardized online evaluation survey that allows graduate students/interns to efficiently provide feedback on courses and instructors. This information is reviewed by the OHSU Executive Vice Provost, GPHN Program Director, Instructors and GPHN curriculum committee members, in the form of composite numeric scores and narrative comments. Feedback to instructors should be professional and constructive in nature and include comments about both strengths and opportunities for improvement as appropriate. We value student/intern comments and expect all graduate students/interns to participate in this anonymous online evaluation process. Although individual responses are not identifiable, participation is monitored as we maintain a completion rate goal of 100%.

Course evaluations will be open seven days prior to end of the course and close seven days after the end of the course. Graduate students/interns will receive an email message one week prior to their courses ending, prompting them to log into Sakai to complete their course evaluations. The email will contain a link to the course

evaluation page, which can be accessed once the graduate student/intern logs into Sakai. Graduate students/interns will receive an email reminder every three days until the evaluations close. Once done, the graduate student/intern will see a list of course evaluations for each course taken during the term. Graduate students/interns can also access the course evaluations via the "My Workspace" area in Sakai.

OHSU ALERT LINE

The [OHSU Emergency Mass Notification System \(OHSU ALERT\)](#) allows OHSU to notify graduate students/interns, faculty, staff, and the surrounding campus community, in the event of an emergency by sending a broadcast message via text message, pager, or both. OHSU Alert is a method of communicating emergency information to a large number of people as quickly as possible. It is not used for non-emergency, routine or spam messages. The telephone number for the OHSU Alert Line is 503-494-9021.

STUDENT RECORDS

The Family Education Rights and Privacy Act (FERPA) governs access to student files. Graduate students/interns should review the annual notification of student rights (under general information) on the [Registrar's website](#) for a full explanation of rights under FERPA. Additional information regarding student records can be found in the [Student Records Policy](#) and [Graduate Council By-Laws](#). Graduate students/interns can use the [Student Information System](#) to display grades, display unofficial transcripts, review charges and make payments online, review holds (if they exist), view personal information such as address, e-mail, etc., view and/or print class schedules and register for classes.

STUDENT LIFE & RESOURCES

The [Office of Student Life](#) at OHSU sponsors a variety of services, programs and events to educate, advocate, entertain and challenge graduate students/interns. The Office of Student Life includes a broad range of services and programs devoted to the social, physical, psychological, financial, ethical, and cognitive development of all OHSU students..

The student [Food Resource Center \(FRC\)](#) at OHSU was established to provide fresh, frozen and packaged foods and personal hygiene products, to OHSU students; to offer access to food-related and financial information and referral services; and to provide practical information on food safety, nutrition, budgeting, cooking and preserving food. Currently, the FRC is serving Portland-based OHSU students and regional campus OHSU students when they visit the Portland-based OHSU campus. Currently, students can receive items at no cost in 3 ways:

Pick Up - students can request up to 15 grocery items per week at OHSU's Student Center.

Shopping Hours - students can visit OHSU's Student Center, which houses the FRC, Monday, Wednesday, or Friday from 5-7 p.m. to select items from the FRC's shelves

Delivery - students can place an order of up to 30 items once per month for delivery to their Portland-area home

The [Center for Diversity & Inclusion \(CDI\)](#) leads and supports the university-wide initiatives to create an environment of respect and inclusion for all people. CDI is dedicated to fostering partnerships to enhance OHSU's mission of healing, teaching, research and community services. With a range of resources and services, CDI

supports and empowers graduate students/interns, faculty and staff from all walks of life, including historically underrepresented populations.

ACCESSIBILITY

OHSU is committed to inclusive and accessible learning environments in compliance with federal and state law. If a graduate student/intern has a disability or think they may have a disability (mental health, attention-related, learning, vision, hearing, physical or health impacts), contact the Office for Student Access at (503) 494-0082 or [OHSU Student Access](#) to have a confidential conversation about academic accommodations. Information is also available at [Student Access Website](#).

Advanced planning is needed to ensure the timely provision of appropriate accommodations. It is important to allow sufficient time for a program and/or the institution to put accommodations and appropriate auxiliary aid(s) into place. Therefore, graduate students/interns must turn in their requests for accommodations six weeks prior to the beginning of the next term for which the accommodations are being requested. If a request is submitted after the relevant deadline, Student Access will make every reasonable effort to accommodate the request but cannot guarantee that an untimely request can be met. Requests submitted less than six weeks before the start of the term may result in delay, substitutions, or denial of accommodation. Because accommodations may take time to implement and cannot be applied retroactively, it is important to have this discussion as soon as possible.

If a graduate student/intern has been provided accommodations, it is the student's/intern's responsibility to inform each instructor and preceptor individually about accommodations at least 10 days prior to the start of the course or rotation, respectively.

ACADEMIC STANDARDS & ADVISING

GRADING POLICY

Per [OHSU Academic Policy 02-70-020](#), each academic program stipulates standards for academic progression and graduation including a minimum required cumulative GPA of 3.0 and grades for specific courses. Graduate students/interns must receive a P or a grade of B- or higher to pass all NUTN courses.

ADVISING & PROGRESS REPORTS

During the internship, graduate students/interns will meet with the DI Director and/or Associate DI Director at least once per term during fall, winter, and spring terms to discuss progress in rotations and monitor the attainment of the core competencies in nutrition/dietetics.

Master's students will meet with the Master's Program Coordinator at least twice a year for academic advising. Additional meetings may be scheduled as needed to abide by Graduate Studies policies and support graduate student and facilitate efficient progression towards degree completion.

CONTINUOUS ENROLLMENT

All graduate students/interns admitted to the GPHN must be continuously enrolled until graduation, except for periods of time covered by an approved leave of absence. Taking a minimum of one credit per term during the regular academic year (Fall, Winter and Spring terms) constitutes continuous enrollment.

Registration during the Summer term is not required to meet the continuous enrollment requirement but may be required for defense and submission of a thesis or capstone. Failure to register by the sixth week of the term without an approved leave of absence will result in administrative withdrawal of the student's/intern's admission to the GPHN.

APPLICATION FOR GRADUATE CERTIFICATE OR DEGREE

To be eligible to graduate with a graduate certificate (e.g., the dietetic internship) or degree (e.g., the MSDI or MSHN), the graduate student/intern must maintain a minimum cumulative GPA of 3.0, pass all required courses with a grade of "B-" or above, complete the required minimum number of credits, complete all planned supervised practice and simulation experiences as required by ACEND, which may exceed 1,200 hours (if applicable), and finish all thesis or capstone requirements (if applicable). The Application for Degree form must be completed online through the Student Information System (SIS) one term before the student's/intern's expected graduation. From the time of matriculation, graduate students/interns have six years to complete graduate degree or certificate requirements, unless granted a leave of absence.

Note: The Application for Degree form must be filled out *exactly* to reflect the student's/intern's expected degree. DI graduate students/interns will select "Dietetic Internship" under the School of Medicine Certificate option. Students in the masters programs (MSDI and MSHN) will select the "MS" degree under the School of Medicine.

ASSESSMENT OF PRIOR LEARNING

Our program offers graduate students/interns the opportunity to request a waiver for only one course (NUTN 514) within our curriculum. We do not grant supervised practice credit for previous work experience or waive any other required courses based on an assessment of prior learning or competence.

Graduate students/interns entering the program with a thesis-requiring Master's or Doctoral-level degree may petition for waiver of credit for NUTN 514 (Nutrition Research and Scientific Communication; 3 credits) if the student's/intern's transcript indicates that a similar graduate-level course was completed within the past three years with a grade of B or higher. The graduate student/intern will then register for 3 credits of Independent Study or elective courses pertaining to a relevant area of study.

All waivers must be approved by the GPHN Program Director, the Associate Dean for Graduate Studies, and the Registrar. All waiver decisions will be clearly documented in the student's/intern's file. To request a course waiver, use the Course Transfer Approval Request Form located on the [School of Medicine Graduate Studies website](#).

ABSENCES

Attendance at all program-related supervised practice rotations, simulation activities, and courses, including all virtual sessions, is required at all times and in a punctual manner. Please see all course syllabi for specific attendance policies.

If a simulation activity or course must be missed, for any reason, it is the responsibility of the graduate student/intern to contact the course instructor in advance by e-mail. Graduate students/interns should be aware that it may be difficult or impossible to make up the missed material, graduate students/interns placed in the Portland metropolitan area are expected to participate in all simulation activities and courses in person. Graduate students/interns placed in Medford and Bend are always welcome to attend simulation activities and courses in

Portland in person; however, given the travel required, are allowed to join through WebEx. Graduate students/interns completing rural campus rotations are permitted to connect via WebEx to sessions that occur during their rural rotation. Whether attending in person or through WebEx, all graduate students/interns should arrive at least five minutes before the start of each session to avoid disrupting the speaker and their classmates.

LEAVE OF ABSENCE

Extended absences may require a formal leave of absence. As stipulated in the [Graduate Council By-Laws](#), a leave of absence may only be granted to a graduate student/intern who is in good academic standing at the time of the request.

For additional information, consult the [Voluntary Leave of Absence & Withdrawal Policy](#). The Leave of Absence form can be found on the [Registrar's Website](#).

INCLEMENT WEATHER

In the event of inclement weather, (i.e., snow, freezing rain, extreme heat or unhealthy air quality) every attempt should be made to reach a rotation site or class as scheduled, as long as it can be achieved safely. If delayed, graduate students/interns should contact the preceptor or course instructor and inform them of the delay as soon as possible. Public transportation may experience delays but usually remains open. If a decision is made to cancel classes at OHSU, this will be communicated on the OHSU Alert Line, the O₂ website, and by the instructor. If inclement weather affects a rotation day, the graduate student/intern is advised to follow the guidelines outlined by the facility to which they are assigned on that day. In the event of inclement weather, updates are placed on [the O₂ website](#).

HOUSING FOR ROTATIONS

Graduate students/interns are expected to arrange and pay for their own housing for the duration of the program. When graduate students/interns are placed at a supervised practice site that is more than 50 miles from their primary geographic placement (Portland, Medford, or Bend), the program will assist graduate students/interns, at their request, to arrange temporary housing near the rotation site.

Housing secured and/or paid for by the program will meet the minimum requirements of the [OHSU Housing Policy](#) and [Procedure](#). Please note that OHSU-provided housing is for the graduate student/intern only, and does not include spouses, partners, children, or pets.

ROTATIONS BETWEEN 40-50 MILES FROM PRIMARY GEOGRAPHIC PLACEMENT

Housing through the OHSU Office of Learner Placement is available for rotations in Oregon that are located 40 miles or more from the student's/intern's primary geographic location. If a graduate student/intern is placed in a rotation 40-50 miles from their primary geographic location they may opt to use this resource at their own expense.

ROTATIONS GREATER THAN 50 MILES FROM PRIMARY GEOGRAPHIC PLACEMENT

OHSU or the program may pay for housing at OHSU –sponsored housing facilities or provide a stipend to help offset the cost of housing for the duration of the rotation.

STUDENT CHOICE ROTATIONS

If a graduate student/intern chooses to complete a Student Choice rotation at a facility located more than 50 miles from the primary geographic placement, then all housing arrangements and costs associated with these arrangements will be the responsibility of the graduate student/intern. Please refer to the [OHSU Housing Policy](#) for more information.

TRANSPORTATION

Travel to and from rotation sites or other off-campus sites is the responsibility of the graduate student/intern. Regular dependable access to a car is required, but other reliable forms of transportation are acceptable, such as public transit. Distances between the student's/intern's primary placement site and/or ancillary rotation sites may vary and it may be necessary for the graduate student/intern to travel extended distances. All graduate students/interns are required to travel to their scheduled rotation site, regardless of distance. The GPHN does not pay for travel expenses, nor does the program provide vehicles for graduate student/intern travel to external sites.

Travel Liability Statement

The GPHN and OHSU assume no responsibility for graduate student/intern travel. Vehicle insurance and expenses are the responsibility of the graduate student/intern. If the graduate student/intern is a passenger in a car traveling for program-related business—including supervised practice rotations—the driver must carry liability insurance for coverage in the event of a car accident.

EXPENSES

TUITION & FEES

OHSU's [Tuition and Fee Book](#) is available to view on the Registrar's Office site, under "Dietetic Intern, Master of Science in Clinical Nutrition or Human Nutrition." Exact tuition charges vary based on the number of credits taken per term. For deadlines to withdraw or receive a tuition refund, consult the Registrar's Office's comprehensive [Academic Calendar](#).

Major medical and dental insurance is required for all graduate students/interns and is available through [OHSU's student insurance plan](#); however, fees for major medical and dental insurance may be waived if the graduate student/intern has comparable insurance and applies for a [waiver](#) from the Student Health & Wellness Center. The 2021-2022 waiver process is managed by OHSU's insurance broker, AHP.

ADDITIONAL EXPENSES (ESTIMATED)

Background Check (approximate) <i>Fee is based on current and previous states of residency. The GPHN or OHSU may reimburse a portion of this fee. Please keep all receipts.</i>	\$60.00
Academy of Nutrition and Dietetics Student Membership <i>Required for all students enrolled in the Dietetic Internship, MS/DI or MSHN track.</i>	\$58.00
ServSafe Manager Certification (DI and MSDI only)	\$179.00
Basic Life Support for Healthcare Providers course	\$93.00
Housing (approximate) <i>Graduate students/interns are responsible for making their own housing arrangements, estimated to be \$700.00 per graduate student/intern per month for a shared apartment.</i>	\$7700.00
Transportation (approximate) <i>A car or other form of dependable transportation is required for transportation to and from rotation sites.</i>	\$1,000.00
Textbooks and Software Licenses (approximate)	\$300.00
Official Transcripts for CDR Verification for RDN Exam (approximate)	\$15.00
Laptop computer, webcam, microphone, high-speed internet and printer	\$1,150.00
Total (does not include tuition and fees)	\$10,555.00

PARKING & TRANSPORTATION FEES

Parking at OHSU is extremely limited. Graduate students/interns may ride the OHSU Shuttle, Portland Streetcar, and Portland Aerial Tram free of charge when wearing an OHSU ID Badge. TriMet (bus and MAX) and C-Tran passes are available at [a reduced price](#). OHSU is also easily accessible by bike and there is free valet bike parking available at the South Waterfront campus. More information is available from [OHSU Transportation & Parking](#).

SCHOLARSHIPS AND AWARDS

The Academy of Nutrition and Dietetics Foundation offers a variety of scholarships. Award details and eligibility requirements may be found on the [Academy Foundation scholarship site](#).

The [Oregon Academy of Nutrition and Dietetics](#) typically offers a modest scholarship to an Oregon student(s). Graduate students/interns are nominated by their program faculty and cannot nominate themselves for these awards. To be eligible for certain student awards, the graduate student/intern must be a member of the Oregon Academy. To become a member, the graduate student/intern must change their state affiliation with the Academy of Nutrition and Dietetics.

[Western Maternal Child Health Nutrition Partners](#) offers at least four scholarships per year through their Trainee program to support nutrition graduate students at partner institutions—including OHSU—with an emphasis on leadership development.

The [LEND Nutrition Fellowship](#) provides participants with hands-on training in nutrition assessment and medical nutrition therapy for children with disabilities with particular emphasis on interdisciplinary team approach.

[The Center for Diversity and Inclusion](#) also compiles a list of scholarships available to graduate students interested in areas of the health and sciences.

[GSO Travel Award](#) recognizes outstanding work by OHSU graduate students, and contributes to their professional development by helping fund travel to distant sites for scholarly purposes.

[OHSU Global Student Overseas Travel Award](#) is a competitive award of up to \$2,000 to support overseas experiences.

[Be Midge's Hero](#) scholarship is awarded in honor of Midge Steuber to nutrition graduate students/interns who demonstrate evidence of a personal commitment to a plant-strong, whole foods-based lifestyle, and a sustained interest in promoting this lifestyle in future professional pursuits. Award amount varies.

Tartar Trust Fellowships are offered annually by the OHSU School of Medicine. An applicant must be a graduate student/intern, fellow, or faculty member in the School of Medicine and be a resident of the State of Oregon. It is intended to be used for supporting research endeavors and research career development in the School of Medicine. The \$2,000 award term is a one-year duration (matching the OHSU fiscal year period).


PROFESSIONALISM

It is the goal of the GPHN to help graduate students/interns make the transition from graduate students/interns to professionals as quickly and easily as possible. The [OHSU Code of Conduct](#), [Professional Conduct Policy for Graduate Programs of the School of Medicine](#), [Academy of Nutrition and Dietetics Code of Ethics](#), and this handbook serve as guides for conduct at all times. Graduate student/intern professionalism will be assessed continually by preceptors, faculty, and staff. Appropriate behavior is an important component to graduate student/intern success.

OHSU: CODE OF CONDUCT

As members of the OHSU community, graduate students/interns are expected to uphold the standards outlined in the OHSU Code of Conduct, which guides the behavior and performance of all members of the OHSU community. The OHSU Code of Conduct can be found on [the OHSU website](#).

PROFESSIONAL CONDUCT POLICY FOR GRADUATE PROGRAMS OF THE SCHOOL OF MEDICINE

This policy was approved by the Graduate Council to establish expectations for graduate students in academic programs in the School of Medicine. Graduate students are held to a higher standard than undergraduate students, are understood to be laying a foundation for their professional career or inued research, and expected to review and abide by the points made in the [Professional Conduct Policy](#).

FORMS OF ADDRESS

Unless given permission to do otherwise, use the formal form of address Mr., Ms., Mrs., Miss, Dr. or Professor, rather than the first name when addressing faculty, staff, preceptors, clients and other members of the health care team, including dietetic technicians, food service staff, or clerical personnel.

Gender identities and expressions can be very diverse. People often use either a feminine pronoun (she/her), a masculine pronoun (he/him) or a neutral pronoun (they/them). For example, when referring to someone who is identified as female or feminine, she may wish to be addressed as “she,” and her pronoun would displayed as “she/her.” In a sentence you would say, “My co-worker is Mary, she is on a lunch break. You can leave her mail on her desk, and I will check with her to make sure she received it.” When referring to someone who identifies outside of the gender binary of male or female, they may wish to be addressed with the neutral pronoun of “they” and their pronoun would be displayed as “they/them.” In a sentence you would say, “My co-worker is Sam, they are on their lunch break. You can leave their mail on their desk, and I will check with them to make sure they’ve received it.” When in doubt, refer to a person using the pronouns identified on their OHSU identification badge or ask how he/she/they would like to be addressed.


CONFERENCES

To enhance professional development and to begin professional networking, graduate students/interns are encouraged to attend conferences pertaining to nutrition and dietetics. As part of their course of study, graduate students/interns may be required to attend professional meetings, such the Oregon Academy of Nutrition and Dietetics annual conference. Costs to attend required conferences may be paid by the program, but the costs to attend other conferences may be the responsibility of the graduate student/ intern. Graduate students/interns should discuss conference attendance with the program prior to registration.

PUBLICATIONS & PRESENTATIONS

One way to forge a professional name for oneself is to write for publication. While not required, graduate students/interns are encouraged to explore professional writing experiences, such as writing articles for professional newsletters or the OHSU School of Medicine student blog. Presentation opportunities exist for graduate students/interns at the Portland Academy of Nutrition and Dietetics meetings, the Oregon Academy of Nutrition and Dietetics conference, and the OHSU Research Week poster sessions for posters developed in conjunction with NUTN 514, thesis/capstone work, or NUTN 500 community outreach projects. Other opportunities to engage with social media, external blogs or websites and/or attend conferences may arise throughout the academic year, which should be discussed with the GPHN Program Director.

APPEARANCE & ID BADGE

All graduate students/interns are expected to abide by the [OHSU Professional Appearance Policy](#)  whether in class or rotations including all virtual or remote program activities. Although classrooms may not be located within

a building that provides patient care, graduate students/interns may have occasion to walk through OHSU patient care areas throughout the day, and it is good practice to maintain a professional demeanor at all times. Graduate students/interns in rotations outside OHSU should be aware that each facility may have their own appearance policy. When in rotations at other facilities, graduate students/interns must follow the policy of the facility in which they are placed.

While on campus or at a rotation site, the student's/intern's OHSU-issued Identification Badge and/or affiliated site badge must be worn at all times in a visible, upright position at chest or collar level. Badge holders must be kept clean. Identifying information must be visible to others with whom the graduate student/intern interacts. Lanyards are not allowed for hygienic and safety reasons. Graduate students/interns are required to follow all masking procedures outlined by OHSU or their rotation site.

SUPERVISED PRACTICE

Dietetic preceptors at OHSU and all of our affiliated sites serve in this important educational role because of good will, a desire to mentor, and a commitment to the nutrition and dietetics profession. The impression a graduate student/intern leaves with preceptors, patients, and clients is important for future success, as well as for the program to maintain good working relationships with all of these generous practitioners. First and foremost, graduate students/interns should be prompt in all communications and meeting appointments, and in carrying out all assignments. Some preceptors may be future employers. It is very important to make a consistent and positive impression. To show appreciation, we strongly encourage graduate students/interns to write thank you notes to preceptors after each supervised practice rotation.

Successful completion of supervised practice is partially based on the preceptors' assessment of professional attributes, as well as the student's/intern's ability to demonstrate the core competencies of our profession. Please remember that competence and professional attributes are assessed independently and graduate students/interns must demonstrate achievement in both areas.

Rotation sites may have additional professional appearance and conduct policies. Follow all guidelines as directed at each supervised practice site. Graduate students/interns should wear the white laboratory coat provided by the GPHN over street clothes in all patient care and food handling areas, unless directed otherwise by a preceptor.

Further details related to supervised practice expectations are specified in the NUTN 504: Supervised Practice course syllabus. Additional information on contacting preceptors prior to the start of rotations is also provided on Sakai within the preceptor contact lists.

ETHICS

ACADEMY OF NUTRITION AND DIETETICS CODE OF ETHICS

The Academy and its credentialing agency, the Commission on Dietetic Registration (CDR), believe it is in the best interest of the profession and the public it serves to have a [Code of Ethics](#) in place that provides guidance to dietetics practitioners in their professional practice and conduct. Dietetics practitioners and members of the Academy have adopted this Code of Ethics to reflect the values and ethical principles guiding the nutrition and dietetics profession and to set forth commitments and obligations of the dietetics practitioner to the public, clients, the profession, colleagues, and other professionals. All GPHN graduate students/interns must maintain

membership in the Academy of Nutrition and Dietetics and are, therefore, bound to the professional Code of Ethics.

RESEARCH INTEGRITY

[Research Integrity](#) ensures compliance with all laws, regulations and guidelines that govern human, animal, basic science and applied science research at OHSU. Research Integrity provides professional support and oversight for the Institutional Review Board, the Institutional Animal Care and Use Committee, the Institutional Biosafety Committee (IRB) and the Conflict of Interest in Research Committee. Institutional Review Boards (IRBs) are formally designated groups constituted according to federal regulations that are charged with performing the regulatory and ethical review of research involving human subjects. The OHSU IRB also provides information and guidance to researchers about applicable OHSU policies and requirements, as well as regulatory and ethical issues and concerns that may arise in human research. Graduate student/intern projects completed throughout the program may require IRB approval.

ELIGIBILITY FOR REGISTRATION EXAM & LICENSURE

Within the last few weeks of the program, the Administrative Coordinator will collect information from each graduate student/intern to complete the eligibility application for the registration exam for dietitian nutritionists (RDN exam).

Graduate students/interns who successfully complete the DI program receive a verification statement signed by the DI Director and a graduate certificate awarded by OHSU. Verification Statements are signed by the DI Director after the graduate student/intern has met all competencies for NUTN 504, met all professional attributes described on the professionalism evaluation form, completed at least 1,200 hours of supervised practice rotations or the required number of hours specified by ACEND, through all scheduled supervised practice rotations, course activities and simulated experiences, passed all required courses with a grade of “Pass” or “B-” or better and maintained an overall grade point average of 3.0 or higher and paid all university tuition and fees.

Graduate students/interns will be provided with at least six signed original copies of their individualized Verification Statement within two to three weeks after grades are due indicating successful completion of the dietetic internship. In addition, an original signed verification statement is maintained in the program files. For graduate students/interns in the MSDI program, the transcript submitted to CDR will be their official OHSU transcript with date of degree conferred.

Upon completion of all program requirements, completion paperwork is submitted electronically to the Commission on Dietetic Registration (CDR) for the graduate student/intern to be granted eligibility to sit for the registration examination for Registered Dietitians Nutritionists (RDN). Graduates should receive confirmation of their RDN exam application eligibility from CDR within two to three days of submission via email. State licensure and state certification are separate and distinct from registration or certification by the CDR. Upon successful completion of the registration exam for dietitians, graduates are eligible to apply for individual state licensure or certification as established by each distinct state. Information on Oregon state licensure can be found at the Health Licensing Office” of the Oregon Health Authority website.

For MSDI students, Verification Statements are not signed until **the MS degree is conferred by OHSU**. Master’s degrees are not conferred by OHSU until the end of the term in which the student completed their degree requirements. Instructions for ordering an official OHSU transcript can be found on the Registrar’s website at

[Order Official Transcripts](#). When ordering an official OHSU transcript for RDN exam eligibility, select the option to have the transcript sent only after the degree is conferred.

ELECTIVES

Nutrition electives are available through the GPHN in the summer, fall, winter, and spring terms. Up to three elective credits may also be taken through other OHSU programs when available and with instructor permission and permission of the GPHN Director.

DI graduate students/interns are welcome to enroll in any GPHN, Interprofessional (IPE) or University (UNI) electives. For DI graduate students/interns interested in applying to the master's program, taking electives during the DI year may expedite the completion of a master's degree, if accepted into the program. For elective guidelines for MSDI and MSHN students, please see the program overviews for each program.

INTERPROFESSIONAL EDUCATION (IPE)

The goal of the OHSU Interprofessional Initiative, , is to prepare OHSU graduate students/interns to deliberately and collaboratively work together to achieve a safer and more effective patient-centered and community-oriented health care system. As part of the IPE curriculum, dental, medical, nursing, nutrition, physician assistant, and radiation therapy graduate students/interns are required to attend IPE sessions during their first year at OHSU.

The one credit course, [IPE 501: Foundations of Patient Safety and Interprofessional Practice](#), is designed for early health care learners from all OHSU schools and programs to introduce them to the importance of best practices for professionalism, roles and responsibilities, teamwork, communication, ethics, and collaborative practice as a means to improve the quality and safety of patient care. MSDIs (in their first year) and DIs are required to take the IPE Foundations course.

INFORMATION TECHNOLOGY

Graduate students/interns are responsible for the computer and mobile devices they use during their studies at OHSU. If graduate students/interns wish to use a computer to access OHSU resources, please ensure that you are using an up-to-date, vendor-supported operating system. See [Private Wi-Fi \(OHSU-Secure\)](#) below for details on the various software required to connect to OHSU's private Wi-Fi network.

In addition, graduate students/interns must abide by OHSU's [Acceptable Use of Computing and Telecommuting Resources](#) policy. The following information will help graduate students/interns use computing resources in line with that policy as well as OHSU's additional information privacy and security policies. For a complete list of policies, visit the Information Privacy and Security site on O2 (intranet) at <https://o2.ohsu.edu/oips>.

WIRELESS INTERNET ACCESS

There are several ways to connect to wireless internet, whether on campus or on the go.

SHARED GLOBAL WI-FI (EDUROAM)

The eduroam wireless network is a shared global wireless service for participating research and education institutions. Connect to the eduroam wireless network quickly and easily using a OHSU username and password at

more than 450 colleges, universities and research facilities in the United States. Visit <https://www.eduroam.us> for a full list of participating institutions.

Connecting at OHSU is simple:

1. Turn on device's **Wi-Fi**. (Disable Airplane Mode on smartphones and tablets.)
2. Connect to the **eduroam** wireless network.
3. At the login prompt, enter complete OHSU email address and password. Connect to the eduroam network.
4. If there is a trust certificate prompt, accept it.
5. After the device connects to the eduroam network, it will have internet access.

PRIVATE WI-FI (OHSU-SECURE)

OHSU-Secure is a secured wireless network that is provided for OHSU employees, graduate students/interns and affiliates. To access internal resources on the secure network, the computer must meet the requirements outlined below. Note that anti-virus software is also required, in addition to the specific software listed below.

PUBLIC WI-FI (OHSU-GUEST)

OHSU-Guest is an unsecured wireless network that is provided for OHSU patients, visitors, vendors and others who need internet connectivity. Because OHSU-Guest is outside of the secure network, it is not protected by the firewall. Therefore, it should **not** be used by OHSU employees, graduate students/interns and affiliates.

MOBILE DEVICE MANAGEMENT

If graduate students/interns want OHSU email delivered directly to an app on their smartphone, graduate students/interns must take steps to protect that mobile device: It must be enrolled in OHSU's mobile device management program. To learn more, go to the [personally owned mobile devices page on O2](#).

TWO-STEP AUTHENTICATION

Two-step authentication (also called multi-factor authentication) is required to log in to certain OHSU systems from **outside** the OHSU-Secure wireless network.

OHSU uses Duo Mobile for two-step authentication.

To learn more, go to the [Duo Mobile page on O2](#).

CLOUD STORAGE

OneDrive is the primary individual cloud file management solution and will be provisioned to all OHSU members with 5 terabytes of storage. To access OneDrive, open OneDrive in your browser (Edge or Chrome), and sign in to office.com with your OHSU credentials. Dropbox is a widely used storage solution in the research community, and offers OHSU the ability to complement the Microsoft storage. Dropbox will be a secondary solution available by request. OHSU's Microsoft solutions, OneDrive and Teams with SharePoint Online, are approved for PHI and data OHSU classifies as restricted and confidential.

Prior to graduation, graduate students/interns must develop a plan to transfer all important documents, information, and/or data to the appropriate OHSU faculty or research mentor as all student accounts are closed after graduation.

REMOVABLE STORAGE DEVICES (E.G., THUMB DRIVES AND EXTERNAL HARD DRIVES)

Removable storage devices, such as USB sticks (thumb drives) and external hard drives, must be encrypted with Dell Data Protection if they contain restricted information (see the [Protecting restricted information](#) section).

The Dell Data Protection software is required for computers that need access to internal resources on the secure network. It ensures that restricted information cannot be moved from the secure network to unencrypted removable storage devices. In addition, it can be used to encrypt unencrypted removable storage devices.

To learn more, go to the [Dell Data Protection page on O2](#).

ADDITIONAL RESOURCES

- [Help and How To](#): Help and How To provides solutions for the most common information technology issues at OHSU, as well as FAQ on a variety of topics.

PROTECTING RESTRICTED INFORMATION

Graduate students/interns are responsible for protecting all restricted information that they come across at OHSU. Restricted information is anything that is not meant for the public, such as information about patients, employees or students, and research data. Often, it is protected by federal regulations. For example, Protected Health Information (PHI) is protected by the Health Insurance Portability and Accountability Act of 1996 (HIPAA).

TEXT MESSAGES

Do **not** use mobile devices, such as smartphones, to text PHI. Mobile devices that are used to receive OHSU pages can and should be encrypted. Follow these instructions to encrypt an [iOS](#) or [Android](#) device. Note that these steps encrypt the **device** — not the pages it receives. Therefore, the following additional precautions should be taken:

- Limit PHI to the minimum necessary for effective patient care.
- Change smartphone settings so that the “preview” does not display on the locked screen. If preview is set to “on” then any patient information sent may be viewable without authentication.
- Delete pages containing patient information after reading them.

PHOTOS AND VIDEOS

- Photos and videos of patients for personal purposes are not permitted.
- If photos are being taken for education purposes, the patient must sign a release prior to being photographed.
- If photos are being taken for treatment purposes, the photos must be incorporated into the patient’s chart in Epic.
- If photos or video of graduate students/interns are being used for educational, informational and/or promotional purposes, the graduate student/intern must have signed a release before the media is used.

ADDITIONAL TIPS

- Do not include any identifying patient information in written history and physicals (H&Ps).
- Never send patient information to personal email accounts (e.g., Gmail, Hotmail).
- Only access the electronic health records of patients for whom the graduate student/intern are directly providing care. Do not access the records of family members or friends.

Be aware that failure to comply with HIPAA regulations may result in serious consequences, up to and including dismissal from OHSU.

For questions about protecting restricted information, including PHI, contact the Information Privacy and Security Office at 503-494-0219 or oips@ohsu.edu.

STUDENT GRIEVANCES

Graduate students/interns have the right to grieve matters related but not restricted to the following areas: rights of authorship on scientific publications, student/mentor relationships, laboratory safety concerns, and grading policies. Graduate students/interns may not grieve disciplinary action, grades (including failure of the qualifying exam or failure of the oral thesis/dissertation exam), dismissal or other action taken under the Professional Conduct Policy. Steps for filing a grievance, including recourse to an administrator other than the GPHN Program Director, can be found in the [Graduate Council By-Laws](#).

Complaints related to supervised practice should first be addressed with the preceptor. If unable to resolve the issue with the preceptor, the graduate student/intern should contact the GPHN Program Director or Associate DI Director.

Whether the grievance occurs in a didactic course or supervised practice, retaliation is not permitted by any of the parties: GPHN Program Director, Associate DI Director, other faculty or staff, graduate student/intern, or preceptor.

Graduate students/interns in the DI and MSDI may submit complaints directly to ACEND only after all other options with the program and institution have been exhausted. Note that ACEND will investigate only signed allegations that the program is not in compliance with accreditation standards or policies. Information about filing a complaint with ACEND against an accredited program can be found online. ACEND can be reached at:

Online: <http://www.eatrightpro.org/resources/acend>

Email: ACEND@eatright.org

Phone: 800/877-1600, ext. 5400

Mail: 120 South Riverside Plaza, Suite 2190, Chicago, IL 60606-6995

ALUMNI

The GPHN tries to cultivate relationships with our graduates to further job leads, recruit preceptors for our program, gain mentors for community outreach projects, or any other opportunities that become available. Plus, we like to celebrate the accomplishments of our graduates! We ask that graduates keep us apprised of their current email address and, when the time comes, take a moment to respond to our brief electronic alumni survey.

ALUMNI SURVEYS

As part of our ACEND accreditation we are required to send out surveys at the one, three, and five year mark following graduation. Responses from alumni help us evaluate the effectiveness of our program, how it prepares our graduates for the RDN exam, and gives us an idea of our graduates' employment prospects after they leave the GPHN. Without these surveys, we cannot make adjustments that continually improve our program and put our graduates in a more competitive position.

PROGRAM OVERVIEWS

DIETETIC INTERNSHIP GRADUATE CERTIFICATE

MISSION

The Dietetic Internship Graduate Certificate (DI) program prepares graduates to deliver evidence-based nutrition care and dietetics services to improve the health of Oregonians and individuals living throughout the United States. We foster the pursuit of excellence in dietetic interns through the provision of a wide array of experiences in professional leadership and practice to be carried forward into their careers as Registered Dietitian Nutritionists.

LEARNING OBJECTIVES

The learning objectives of the dietetic internship graduate certificate track mirror the core competencies specified in the 2017 ACEND standards for dietetic internship programs. Program goals and objectives are available on the [GPHN website](#).

REQUIRED COURSES

NUTN 500 Community Outreach	2 credits
NUTN 504 Supervised Practice	21 credits
NUTN 510 Public Health Nutrition	3 credits
NUTN 511 Pathophysiology and Medical Nutrition Therapy	3 credits
NUTN 512 Advanced Pathophysiology and Medical Nutrition Therapy	3 credits
NUTN 513 Food Service and Clinical Management	2 credits
NUTN 514 Nutrition Research and Scientific Communication	3 credits
NUTN 515 Case Studies in Advanced Medical Nutrition Therapy	2 credits
TOTAL	39 Credits[#]

[#]Students are required to take IPE 501 Foundations of Patient Safety and Interprofessional Practice for one credit if offered by OHSU.

AREA OF CONCENTRATION

In 2012, ACEND began requiring all dietetic internships to select a unique concentration that would enrich its curriculum and set it apart from other internship programs. The GPHN chose a concentration in Community Outreach because it directly reflects the mission of OHSU and inspires our graduate students/interns to build bridges between the classroom, clinic, and community. Our dietetic internship provides a greater number of supervised practice hours in clinical nutrition than any other area of dietetic practice, which appeals to graduate students/interns seeking a strong focus on clinical nutrition knowledge and skills. With the addition of our concentration in Community Outreach, graduate students/interns are also able to enhance their skills in leadership, interdisciplinary teamwork, and communication while engaging with a community-based program. Our concentration in Community Outreach builds upon several of ACEND's required Professional Practice competencies, including the following:

- CRDN 1.1: Select indicators of program quality and/or customer service and measure achievement of objectives.
- CRDN 1.3: Justify programs, products, services and care using appropriate evidence or data.
- CRDN 2.2: Demonstrate professional writing skills in preparing professional communications.
- CRDN 2.3: Demonstrate active participation, teamwork and contributions in group settings.
- CRDN 2.7: Apply leadership skills to achieve desired outcomes.
- CRDN 2.9: Participate in professional and community organizations.
- CRDN 3.3: Demonstrate effective communications skills for clinical and customer services in a variety of formats and settings.
- CRDN 3.7: Develop and deliver products, programs or services that promote consumer health, wellness and lifestyle management.
- CRDN 4.8: Develop a plan to provide or develop a product, program or service that includes a budget, staffing needs, equipment and supplies.

Our concentration in Community Outreach also fulfills the following concentration-specific competencies:

1. *Identify a specific community need(s) involving food and nutrition, set the goals and objectives, and integrate all required parties to carry out the project or activity.*
2. *Execute and then assess the effectiveness and impact of the community-focused project or activity.*

SUPERVISED PRACTICE – NUTN 504

Supervised practice rotations encompass the work graduate students/interns do at a wide variety of rotation sites throughout the program. The DI Director and Associate DI Director monitor students'/interns' progress in this course based on evaluations received from preceptors, including both the student's/intern's ability to meet ACEND competencies and professional characteristics and other assigned projects. Rotations generally occur Tuesday through Friday of each week for a minimum of 32 hours per week, and schedules are finalized after the respective preceptors confirm their scheduled rotations. The preceptor(s) specify the start and anticipated end time for each day of a rotation, as well as the desired location to check-in each day. Individual rotation schedules, preceptor contact information, and rotation guides are provided in MS Teams under the Dietetic Internship channel.

In addition to the rotations and coursework, students are required to complete a series of learning activities during their rotations. These activities will be presented and explained during orientation. OHSU is also one of five internships that offers a certificate of completion in Sustainable and Resilient Food and Water Systems. Completion of the certificate is optional but highly encouraged. Details about this certificate will be presented at orientation.

Due to the fast-paced and dynamic nature of the internship, we advise against regularly scheduled employment during this 11-month period of time.

AFFILIATED PRACTICE SITES

The OHSU Dietetic Internship Program maintains affiliation agreements with most major hospitals, clinics and nutrition-related programs in Portland and beyond. A list of major clinical sites that frequently accept and host OHSU dietetic graduate students/interns for supervised practice rotations, follows:

- OHSU Hospital and Doernbecher Children's Hospital
- VA Portland Health Care System (VAPORHCS, both Portland and Vancouver campuses)
- Legacy Emanuel Medical Center and Randall Children's Hospital
- Providence (St. Vincent, Portland and Medford)
- Adventist Medical Center (Portland)
- Kaiser Medical Center (Portland, Sunnyside and Westside)
- Asante (Three Rivers Medical Center and Rogue Regional Medical Center, Medford area)
- VA Southern Oregon Rehabilitation Center and Clinics (VA SORCC, Medford area)
- St. Charles Medical Center and affiliated hospitals (Bend, OR)
- PeaceHealth Southwest Medical Center (Vancouver, WA)

In addition, the program maintains affiliation agreements with multiple state agencies, non-profit organizations, corporations, and educational institutions in order to provide an array of supervised practice opportunities in public health, community nutrition, nutrition education, food service, management, and patient care.

While OHSU and the GPHN have extensive matriculation requirements, additional background checks, drug tests, fingerprinting, etc. may be required by other supervised practice sites. Any costs not covered by the supervised practice sites will be the responsibility of the graduate student/intern. These additional requirements may take two to three weeks or longer to complete, so advance planning is required.

COMPARISON OF SUPERVISED PRACTICE AND COMMUNITY OUTREACH

Supervised Practice: All dietetic internship programs that are accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) must provide graduate students/interns with a minimum of 1,200 hours of supervised practice or as specified under extenuating circumstances. ACEND defines supervised practice as planned learning experiences (including activities in professional work settings and alternate supervised experiences such as simulation, case studies and role playing) in which graduate students/interns perform tasks to demonstrate mastery of ACEND competencies. Learning activities performed by graduate students/interns that are not typically performed as part of the preceptor's work responsibilities, such as writing papers, completing a study guide or other homework, should not be counted towards fulfilling supervised practice hours in professional work settings.

Community Outreach: ACEND requires all dietetic internship programs to select at least one unique "concentration." A concentration is an area of program focus, within the context of the mission and goals of the program, which builds on the core knowledge and competencies and begins to develop additional depth necessary for future proficiency in a particular area. We chose a concentration in Community Outreach to honor OHSU's mission, enrich our curriculum, and build bridges between the classroom and community. Our graduate students/interns work with vulnerable populations, translating science to service.

SIMILARITIES

Each graduate student/intern works individually or in a small team to serve a community partner organization through community outreach work. To be effective, graduate students/interns must understand the mission, vision, and goals of their partner organization. To help graduate students/interns become familiar with their partner organization, we try to place them in a supervised practice rotation at the same organization. If the community outreach organization cannot provide a supervised practice rotation for all graduate students/interns on the team, we arrange rotations with similar or complimentary sites to give them this experience.

DIFFERENCES

	Supervised Practice Rotations	Community Outreach
Primary Purpose	Demonstrate attainment of ACEND core competencies; complete at least 1,200 hours in a variety of practice settings	Fulfill a community partner's food or nutrition need through the development and implementation of community-based work
Structure	Individualized; 1:1 or 2:1 graduate student/intern to preceptor ratio	Individualized or in groups of 2-4 graduate students/interns who work with one mentor
Duration	Rotations range from 2-6 weeks in length; minimum of 32 hours per week throughout the 11 month program	Variable time over the 11-month program for Dis and during the 2 nd year for MSDIs
Evaluation	Graduate students/interns are evaluated by preceptors using the program's evaluation forms at the end of every rotation	Graduate students/interns complete reflection papers, peer evaluations based on their agreed upon division of labor; mentor and course instructor evaluations
Course Title	NUTN 504: Supervised Practice Rotations	NUTN 500: Community Outreach
Contact Person	Dr. Stadler (stadlerd@ohsu.edu) GPHN and DI Director and Joanna Cummings (cummijoa@ohsu.edu) Associate DI Director	Dr. Stadler (stadlerd@ohsu.edu) GPHN and DI Director and Joanna Cummings (cummijoa@ohsu.edu) Associate DI Director

CURRICULUM MAP

	CRDN 1.1	CRDN 1.2	CRDN 1.3	CRDN 1.4	CRDN 1.5	CRDN 1.6		CRDN 2.1	CRDN 2.2	CRDN 2.3	CRDN 2.4	CRDN 2.5	CRDN 2.6	CRDN 2.7	CRDN 2.8	CRDN 2.9	CRDN 2.10	CRDN 2.11	CRDN 2.12	CRDN 2.13	CRDN 2.14	CRDN 2.15
Courses																						
<i>Summer B Term</i>																						
NUTN 513A: Food Service and Clinical Management (1 cr)								x		x					x							
NUTN 504: Supervised Practice Assignments (4 cr)																			x			
<i>Fall Term</i>																						
NUTN 500: Community Outreach Projects (1 cr)	x		x						x	x				x		x						
NUTN 510: Public Health Nutrition (3 cr)		x	x	x					x	x								x			x	
NUTN 513B: Food Service and Clinical Management (1 cr)								x		x					x							
NUTN 504: Supervised Practice Assignments (5 cr)																			x			
<i>Winter Term</i>																						
NUTN 500: Community Outreach Projects (0.5 cr)	x									x				x		x						
NUTN 511: Pathophysiology and Medical Nutrition Therapy (3 cr)		x	x	x	x	x			x	x												
NUTN 514B: Nutrition Research and Scientific Communication (2 cr)		x	x	x	x	x			x	x				x	x				x			
NUTN 504: Supervised Practice Assignments (6 cr)																			x			
<i>Spring Term</i>																						
NUTN 500: Community Outreach Projects (0.5 cr)	x									x				x		x						
NUTN 512: Advanced Pathophysiology and Medical Nutrition Therapy (3 cr)		x	x	x	x	x			x	x												x
NUTN 514A: Nutrition Research and Scientific Communication (1 cr)					x																	
NUTN 515: Case Studies in Advanced Medical Nutrition Therapy (2 cr)		x				x																
NUTN 504: Supervised Practice Assignments (6 cr)																x			x	x		
Supervised Practice Rotations																						
Food Service Management	x	x	x	x		x		x	x	x	x	x		x	x	x	x	x				
Community Nutrition/Public Health	x	x	x	x		x		x	x	x	x	x	x	x	x	x	x	x				
Clinical Nutrition	x	x	x	x		x		x	x	x	x	x	x	x	x	x	x	x				
Simulations																						
Learning Activities		x		x		x			x		x	x	x		x			x				x

	CRDN 3.1	CRDN 3.2	CRDN 3.3	CRDN 3.4	CRDN 3.5	CRDN 3.6	CRDN 3.7	CRDN 3.8	CRDN 3.9	CRDN 3.10		CRDN 4.1	CRDN 4.2	CRDN 4.3	CRDN 4.4	CRDN 4.5	CRDN 4.6	CRDN 4.7	CRDN 4.8	CRDN 4.9	CRDN 4.10	Concentration 1	Concentration 2
Courses																							
<i>Summer B Term</i>																							
NUTN 513: Food Service and Clinical Management (1 cr)										x		x	x	x		x		x					
NUTN 504: Supervised Practice Assignments (4 cr)																							
<i>Fall Term</i>																							
NUTN 500: Community Outreach Projects (1 cr)			x				x												x			x	
NUTN 510: Public Health Nutrition (3 cr)				x	x	x																	
NUTN 513: Food Service and Clinical Management (1 cr)										x		x	x	x		x		x					
NUTN 504: Supervised Practice Assignments (5 cr)																							
<i>Winter Term</i>																							
NUTN 500: Community Outreach Projects (0.5 cr)			x				x																x
NUTN 514B: Nutrition Research and Scientific Communication (2 cr)				x											x								
NUTN 504: Supervised Practice Assignments (6 cr)																							
<i>Spring Term</i>																							
NUTN 500: Community Outreach Projects (0.5 cr)			x				x																x
NUTN 512: Advanced Pathophysiology and Medical Nutrition Therapy (3 cr)	x																						
NUTN 514: Nutrition Research and Scientific Communication (1 cr)																							
NUTN 515: Case Studies in Advanced Medical Nutrition Therapy (2 cr)	x			x																			
NUTN 504: Supervised Practice Assignments (6 cr)																				x			
Supervised Practice Rotations																							
Food Service Management			x	x	x		x	x	x	x		x	x	x	x	x	x	x	x		x		
Community Nutrition/Public Health	x		x	x	x	x	x	x				x		x	x		x	x	x		x		
Clinical Nutrition	x	x	x	x	x	x	x	x						x	x		x	x		x	x		
Simulations																							
Learning Activities	x		x			x	x		x	x			x	x			x				x		

COMBINED MASTER OF SCIENCE IN HUMAN NUTRITION/DIETETIC INTERNSHIP

MISSION

The combined Master of Science in Human Nutrition/Dietetic Internship (MSDI), prepares graduates to deliver evidence-based nutrition care and dietetics services to improve the health of Oregonians and individuals living throughout the United States. We foster the pursuit of excellence in dietetic interns through the provision of a wide array of experiences in professional leadership and practice to be carried forward into their careers as Registered Dietitian Nutritionists.

LEARNING OBJECTIVES

The learning objectives of the MSDI program mirror the core competencies specified in the 2017 ACEND standards for dietetic internship programs. Graduates of the MSDI program will also be able to:

1. Apply their advanced knowledge of nutrient metabolism to explain relationships between nutrient intake, indicators of nutritional status, and health and disease.
2. Utilize the Nutrition Physical Examination to identify physical signs and symptoms of nutrition-related disease in patients and communicate these findings to the healthcare team using the Nutrition Care Process.
3. Perform a thorough review of the nutrition-related scientific literature using library resources, evidence-based guidelines, systematic reviews and other peer-reviewed material and critically analyze this material for scientific merit.
4. Develop a project to answer a nutrition-related question: including problem identification, a review of existing literature, collection of data or conduction of a project, analysis of results and statement of conclusion.
5. Disseminate research results or other scholarly work about nutrition-related topics to scientists, health care professionals and members of the general public using poster, oral presentation, and written formats.
6. Communicate effectively with clients, patients, peers, mentors, and collaborators in a professional and ethical manner that fosters a constructive and collaborative working environmental for all.

Program goals and objectives are available on the [GPHN website](#).

REQUIRED COURSES – THESIS OPTION

NUTN 500 Community Outreach Projects	2 credits
NUTN 503 Thesis	6 credits, minimum
NUTN 504 Supervised Practice Rotations	21 credits
NUTN 505 Reading & Conferences	1 credits
NUTN 507 Seminar	1 credits
NUTN 510 Public Health Nutrition	3 credits
NUTN 511 Pathophysiology and Medical Nutrition Therapy	3 credits
NUTN 512 Advanced Pathophysiology and Medical Nutrition Therapy	3 credits
NUTN 513 Food Service and Clinical Management	2 credits

NUTN 514 Nutrition Research and Scientific Communication	3 credits
NUTN 515 Case Studies in Advanced Medical Nutrition Therapy	2 credits
NUTN 516 Nutrition Physical Examination and Lab	3 credits
NUTN 517 Laboratory Methods in Nutrition	3 credits
NUTN 521 Energy Metabolism	3 credits
NUTN 522 Antioxidant, Bone, and Protein Metabolism	3 credits
NUTN 527 Nutritional Epidemiology	2 credits
BSTA 525 Introduction to Biostatistics	4 credits
PHYS 510 Advanced Physiology	6 credits
Electives	11 credits, minimum
TOTAL	82 credits, minimum[#]

[#]Students are required to take IPE 501 Foundations of Patient Safety and Interprofessional Practice for one credit if offered by OHSU.

REQUIRED COURSES – CAPSTONE OPTION

NUTN 500 Community Outreach Projects	2 credits
NUTN 506 Capstone	6 credits, minimum
NUTN 504 Supervised Practice Rotations	21 credits
NUTN 505 Reading & Conferences	1 credits
NUTN 507 Seminar	1 credits
NUTN 510 Public Health Nutrition	3 credits
NUTN 511 Pathophysiology and Medical Nutrition Therapy	3 credits
NUTN 512 Advanced Pathophysiology and Medical Nutrition Therapy	3 credits
NUTN 513 Food Service and Clinical Management	2 credits
NUTN 514 Nutrition Research and Scientific Communication	3 credits
NUTN 515 Case Studies in Advanced Medical Nutrition Therapy	2 credits
NUTN 516 Nutrition Physical Examination and Lab	3 credits
NUTN 521 Energy Metabolism	3 credits
NUTN 522 Antioxidant, Bone, and Protein Metabolism	3 credits
NUTN 527 Nutritional Epidemiology	2 credits
BSTA 525 Introduction to Biostatistics	4 credits
PHYS 510 Advanced Physiology	6 credits
Electives	14 credits, minimum
TOTAL	82 credits, minimum[#]

[#]Students are required to take IPE 501 Foundations of Patient Safety and Interprofessional Practice for one credit if offered by OHSU.

ELECTIVES

Three of the required elective credits can be taken outside the GPHN. A maximum of three independent study credits may be used towards required elective credits. Laboratory Methods in Nutrition (NUTN 517) may be taken by capstone students as an elective. Students must discuss their course of study and elective options with their primary mentor and academic advisor.

THESIS

A thesis project is an independent research project that should answer a question that contributes to new knowledge in the field of nutrition and dietetics and is applicable beyond the single setting. It represents a scholarly effort of high quality, and is an academic-focused research project with broader applicability. The thesis project clearly states a problem or issue to be addressed. It involves a review of the existing literature, collection of data or conduction of a project, analysis of results, and statement of conclusion.

CAPSTONE

A capstone is an independent project that will be performed under the close supervision of a capstone project mentor. A capstone project addresses a specific need, and has a direct, practical application to a clinical practice group, community organization, public health agency, etc.; includes specific activities and/or action items with clear endpoints, and a written deliverable. A capstone project must go beyond an experience to create a new product as stated above; and is novel, at least in application to your specific population. A capstone project includes a literature review that will help you identify prior work. Project possibilities include, but are not limited to developing or implementing a nutrition education program, developing a new educational and/or assessment tool, outcome-based assessment of a nutrition intervention, developing a new educational curriculum, or developing evidence-based clinical practice guidelines.

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MASTER OF SCIENCE IN HUMAN NUTRITION

This degree track is for those who either have the RDN credential or who are eligible to sit for the RDN exam.

MISSION

The Master of Science in Human Nutrition Program prepares students to apply advanced nutrition assessment techniques to diagnose and monitor nutrition-related conditions, to conduct nutrition-related research and program assessment, to translate and integrate nutrition research findings in to practice, and to advance the field of nutrition in clinical, community, management, and research areas of practice.

LEARNING OBJECTIVES

After completing the MSHN, students will be able to:

1. Apply their advanced knowledge of nutrient metabolism to explain relationships between nutrient intake, indicators of nutritional status, and health and disease.
2. Utilize the Nutrition Physical Examination to identify physical signs and symptoms of nutrition-related disease in patients and communicate these findings to the healthcare team using the Nutrition Care Process.
3. Perform a thorough review of the nutrition-related scientific literature using library resources, evidence-based guidelines, systematic reviews and other peer-reviewed material and critically analyze this material for scientific merit.
4. Develop a project to answer a nutrition-related question: including problem identification, a review of existing literature, collection of data or conduction of a project, analysis of results and statement of conclusion.
5. Disseminate research results or other scholarly work about nutrition-related topics to scientists, health care professionals and members of the general public using poster, oral presentation, and written formats.
6. Communicate effectively with clients, patients, peers, mentors, and collaborators in a professional and ethical manner that fosters a constructive and collaborative working environmental for all.

REQUIRED COURSES – THESIS OPTION

NUTN 503 Thesis	6 credits, minimum
NUTN 505 Reading & Conferences	1 credits
NUTN 507 Seminar	1 credits
NUTN 514 Nutrition Research and Scientific Communication*	3 credits
NUTN 517 Laboratory Methods in Nutrition	3 credits
NUTN 521 Energy Metabolism	3 credits
NUTN 522 Antioxidant, Bone, and Protein Metabolism	3 credits
NUTN 527 Nutritional Epidemiology	2 credits
NUTN 5XX Cultural Foods^	2 credits
BSTA 525 Introduction to Biostatistics	4 credits
PHYS 510 Advanced Physiology	6 credits
Electives	11 credits, minimum
TOTAL	45 credits, minimum#

* Depending on research experience and educational background, students coming to the program from outside OHSU may be required to take 514, per the discretion of the Program Director and Master's Program Director

^Courses required for all students in master's degree program only, without the dietetic internship. Applicants who already hold registered dietitian credential or who have completed a DPD can apply to have course requirement waived but two additional elective credits will be required in lieu of course.

#Students may be required to take IPE 501 Foundations of Patient Safety and Interprofessional Practice for one credit if required by OHSU.

REQUIRED COURSES – CAPSTONE OPTION

NUTN 506 Capstone	6 credits, minimum
NUTN 505 Reading & Conferences	1 credits
NUTN 507 Seminar	1 credits
NUTN 514 Nutrition Research and Scientific Communication*	3 credits
NUTN 521 Energy Metabolism	3 credits
NUTN 522 Antioxidant, Bone, and Protein Metabolism	3 credits
NUTN 527 Nutritional Epidemiology	2 credits
NUTN 5XX Cultural Foods^	2 credits
BSTA 525 Introduction to Biostatistics	4 credits
PHYS 510 Advanced Physiology	6 credits
Electives	14 credits, minimum
TOTAL	45 credits, minimum#

* Depending on research experience and educational background, students coming to the program from outside OHSU may be required to take 514, per the discretion of the Program Director and Master's Program Director

^Course required for all students in master's degree program only, without the dietetic internship. Applicants who already hold registered dietitian credential or who have completed a DPD can apply to have course requirement waived but two additional elective credits will be required in lieu of course.

#Students may be required to take IPE 501 Foundations of Patient Safety and Interprofessional Practice for one credit if required by the OHSU.

ELECTIVES

Three of the required electives credits can be taken outside the GPHN. A maximum of three independent study credits may be used towards required elective credits. Laboratory Methods in Nutrition (NUTN 517) may be taken by capstone students as a standard elective. NUTN 516A/B (Nutrition Physical Exam) is required for all students in the MSDI programs, and can be taken as an elective for students in the master's program only. Students must discuss their course of study and elective options with their primary mentor and academic advisor.

REGENCY OF EDUCATION

Students must show successful completion of prerequisite coursework, or evidence of relevant professional experience, within the past five years. If the student needs to complete additional coursework in order to meet “recency of education” requirements, the actual requirements will be determined on an individual basis following discussion between the program director and potential applicant. Completion of recommended requirements does not guarantee acceptance into the program.

THESIS

A thesis project is an independent research project that should answer a question that contributes to new knowledge in the field of nutrition and dietetics and is applicable beyond the single setting. It represents a scholarly effort of high quality, and is an academic-focused research project with broader applicability. The thesis project clearly states a problem or issue to be addressed. It involves a review of the existing literature, collection of data or conduction of a project, analysis of results, and statement of conclusion.

CAPSTONE

A capstone is an independent project that will be performed under the close supervision of a capstone project mentor. A capstone project addresses a specific need, and has a direct, practical application to a clinical practice group, community organization, public health agency, etc.; includes specific activities and/or action items with clear endpoints, and a written deliverable. A capstone project must go beyond an experience to create a new product as stated above; and is novel, at least in application to your specific population. A capstone project includes a literature review that will help you identify prior work. Project possibilities include, but are not limited to developing or implementing a nutrition education program, developing a new educational and/or assessment tool, outcome-based assessment of a nutrition intervention, developing a new educational curriculum, or developing evidence-based clinical practice guidelines.

APPENDICES

APPENDIX A: COURSE DESCRIPTIONS

The following table shows the planned course offerings for the 2021-2022 academic year. Courses are subject to change. **BOLD** indicates courses for the Dietetic Internship; STARRED courses are electives. NUTN 503 (Thesis credits) or NUTN 506 (Capstone credits) may be taken any term in which thesis or capstone work is conducted.

Summer 2021		Fall 2021	Winter 2022	Spring 2022
A Block	B Block	NUTN 500	NUTN 500	NUTN 500
NUTN 521	NUTN 504	NUTN 504	NUTN 504	NUTN 504
NUTN 538*	NUTN 513A	NUTN 505	NUTN 507	NUTN 512
	NUTN 521	NUTN 510	NUTN 511	NUTN 514A
	NUTN 538*	NUTN 513B	NUTN 514B	NUTN 515
		NUTN 522	NUTN 532*	NUTN 516A/B
		NUTN 531*	NUTN 534*	NUTN 539*
				NUTN 540*

NUTN 500 – COMMUNITY OUTREACH PROJECTS

2 credits

Instructor: Diane Stadler, PhD, RD, LD, Joanna Cummings, MS, RD-AP, CNSC and Julie McGuire, MS, RDN, LD

Topic/format: Our graduate students/interns work with community organizations on projects that address needs of vulnerable populations that translate science to service or affect policy change.

NUTN 502 – INDEPENDENT STUDY

Credits variable, all terms

Instructor: Varies

Topic to be determined by student's/intern's course of study

NUTN 504 – SUPERVISED PRACTICE ROTATIONS

Credits: 4, summer term; 5-6 credits per term, fall/winter/spring terms

Instructor: Diane Stadler, PhD, RD, LD; Joanna Cummings, MS, RD-AP, CNSC

Supervised Practice provides graduate students/interns with experience in community nutrition, rural environments, food service management, clinical nutrition, and advanced practice settings. Graduate students/interns practice and apply principles and skills in dietetics and nutrition to real situations under the guidance of professionals in the field. Student choice rotations take place in spring term. Evaluations by preceptors follow competencies defined by the Accreditation Council for Education in Nutrition and Dietetics. Supervised Practice occurs during summer and fall terms for public health and community nutrition, and food service

management; winter and spring terms focus on clinical rotations and clinical staff experience. Graduate students/interns are required to complete a minimum of 1,200 hours of supervised practice over the course of the program.

NUTN 505 – READING AND CONFERENCE

1 credit, register in fall only but course spans fall/winter/spring

Instructor: Sandy van Calcar, PhD, RD, LD

A professional book club series is sponsored each year for graduate students/interns of the GPHN, faculty, preceptors and members of the community. Three nutrition-related books are read and discussed. Books selected for discussion provide a balanced depiction of a nutrition-policy issue, a nutrition-ethics issue, and/or a nutrition-history or current nutrition trend. Graduate students/interns enrolled in this course work in small groups to host one of the book club discussions by preparing a list of discussion questions, designing an informative flyer to announce the book and the session, marketing the discussions sessions to interested parties, inviting guest speakers and introducing the topic.

NUTN 507 – SEMINAR

1 credit, winter term

Instructor: Joanna Cummings, MS, RD-AP, CNSC

Each seminar series is centered on a nutrition-related theme and provides graduate students/interns an opportunity to use traditional methods to present an evidenced-based review of a related topic. Graduate students/interns write an abstract, develop learning objectives, and give an oral presentation of their topic using PowerPoint or another visual media platform. In addition, each graduate student/intern hosts one of the presentations and provides peer editing of each abstract, peer critique of each presentation, and actively participates in each discussion.

NUTN 510 – PUBLIC HEALTH NUTRITION

3 credits, fall term

Instructor: Joanna Cummings, MS, RD-AP, CNSC

This course provides an overview of public health nutrition, including a discussion of the social determinants of health, hunger and food insecurity, health literacy, cross cultural awareness, Native American populations and food sovereignty, “Health at Every Size”, Trauma-Informed Health Care, Motivational Interviewing, and more. Content includes nutrition public policy and nutrition assistance programs aimed at improving public health. The course also explores best practices in nutrition education and counseling. Graduate students/interns work in small teams to prepare an annotated bibliography and oral presentation on food and nutrition needs, concerns, and resources for a particular phase of the lifespan.

NUTN 511 – PATHOPHYSIOLOGY AND MEDICAL NUTRITION THERAPY

3 credits, winter term

Instructor: Julie McGuire, MS, RDN, LD

This course provides an overview of the pathophysiology of common chronic diseases and disorders, and the application of medical nutrition therapy. Topics may include nutrition physical exam, diabetes, cardiovascular disorders, disorders of the upper and lower GI, and neonatal and pediatric nutrition therapy. In this series of classes, a number of speakers will share their areas of expertise by serving as guest lecturers. The course will be composed of formal lecture, small group activities, and facilitated discussions.

NUTN 512 – ADVANCED PATHOPHYSIOLOGY AND MEDICAL NUTRITION THERAPY

3 credits, spring term

Instructor: Julie McGuire, MS, RDN, LD

This course builds upon the nutrition fundamentals covered in NUTN 511 while focusing on more complex conditions such as metabolic disorders, trauma, burns, and oncology.

NUTN 513 A/B – FOOD SERVICE AND CLINICAL MANAGEMENT

2 credits, summer (A)/fall terms (B)

Instructor: Bert Connell, PhD, RD, LD, FAND

This course is designed to provide graduate students/interns with strategic application of principles of Food Service and Clinical Management. It will be primarily focused on the areas of finance (with the creation of a budget), human resources (through critical incident and role play), sustainability (through guest lectures and discussion), communication strategies (through email and other media), and needs assessment (through critical incident and role play). As a term project, graduate students/interns will complete a feasibility study for a product, program, or service.

NUTN 514 A/B – NUTRITION RESEARCH AND SCIENTIFIC COMMUNICATION

3 credits, winter (B)/spring terms (A)

Instructors: Melanie Gillingham, PhD, RD, LD

The Nutrition Research course is a three credit hour course that provides an introduction to nutrition-based research including discussions of different types of research designs and their strengths and limitations, developing a nutrition-related research question, conducting a critical review of the literature related to the research question, developing a proposal to answer the research question, carrying out the proposed research, and disseminating the research results through poster and oral presentations. Graduate students/interns work in teams to design, conduct, and summarize the results of a research project centered on NHANES cross-sectional data.

NUTN 515 – CASE STUDIES IN ADVANCED MEDICAL NUTRITION THERAPY

2 credits, spring term

Instructor: Jessie Pavlinac, MS, RD, CSR, LD

Graduate students/interns research and present a case study that demonstrates the nutrition care process for a chosen disease with nutrition implications. Graduate students/interns select a patient during supervised practice and develop a case study presentation using evidence-based guidelines, incorporating pathophysiology, nutrition assessment, diagnosis, intervention, monitoring, and evaluation.

NUTN 516 A/B – NUTRITION PHYSICAL EXAMINATION & LAB

3 credits (Lecture 2 (NUTN 516A), Lab 1 (NUTN 516B), spring term

Instructor: Julie McGuire, MS, RDN, LD

The nutrition-focused physical exam (NFPE) is presented as an integral part of the Nutrition Care Process and Model. Findings of the NFPE are considered in the context of other nutrition assessment information, including biochemical data, food/nutrition-related history, anthropometric measurements, and client history. Cases seen during weekly round sessions at the OHSU Hospital provide the clinical context for classroom discussions.

NUTN 517 – LABORATORY METHODS IN NUTRITION

3 credits, summer term

Instructor: Melanie Gillingham, PhD, RD, LD

This course provides a conceptual framework and hands on lab experience to explore the basic nutritional assessment techniques used in dietetics/nutrition practice. Assessment techniques for measuring diet, blood glucose, insulin, plasma lipids, mineral and vitamin status are reviewed and practiced in the laboratory setting. Graduate students/interns evaluate the effect of changes in diet on blood parameters such as glucose, insulin and lipids. Additional techniques to assess body composition and energy expenditure are included in the laboratory procedures. At the end of this course, graduate students/interns have a working knowledge of the basic nutrition assessment principles and laboratory procedures used to assess nutrition status of patients or research subjects.

NUTN 521 – ENERGY METABOLISM

3 credits, summer term

Instructor: Sandy van Calcar, PhD, RD, LD

This course reviews biochemical processes and nutrients involved in energy production. The digestion, absorption, transport, storage and metabolism of carbohydrates and lipids are covered in depth. Micronutrients essential to these systems including many B vitamins, and minerals are covered as they relate to energy production. At the end of the quarter, perturbations in energy balance during various states of health and disease are discussed. These topics include energy balance during exercise, in obesity or during critical illness.

NUTN 522 – ANTIOXIDANT, BONE, AND PROTEIN METABOLISM

3 credits, fall term

Instructor: Sandy van Calcar, PhD, RD, LD

NUTN 522 is organized into three main sections, which include protein structure, function and metabolism, nutrient effects on bone and antioxidant roles of various nutrients. Specific nutrients of study include protein, the fat soluble vitamins, vitamin B6 and biotin, as well as key macro- and micro-minerals, including calcium, magnesium, zinc, selenium, copper, boron, manganese and molybdenum.

NUTN 527/627 – NUTRITIONAL EPIDEMIOLOGY

2 credits, spring term of odd years

Instructor: TBD

Nutritional Epidemiology is designed to introduce basic concepts and methods in epidemiology and nutritional epidemiology. This course focuses on considerations related to the design, analysis, and interpretation of population-based nutrition studies. Topics will include methods for assessing dietary intake, adjustment for energy intake, use of biomarkers in nutrition-related studies, methodological challenges in nutritional epidemiology research, and the application of nutritional epidemiology research to health policy.

NUTN 530 – MATERNAL, INFANT, AND CHILD NUTRITION

3 credits, winter term of odd years

Instructor: Sandy van Calcar, PhD, RD, LD

Maternal, Infant and Child Nutrition will cover nutritional needs and concerns for pregnant women, the developing fetus, infants and children through adolescence. The course will include several guest lectures from clinicians and researchers in this field. Topics will include: pregnancy physiology, nutrition needs during pregnancy, fetal growth and metabolism and nutrition-related pregnancy complications; nutrition for the first year including lactation, breast milk vs. infant formula composition, formula selection, growth assessment, infant feeding recommendations and maternal/infant feeding relationship; growth and nutrition needs for toddlers and preschool including nutrition-related problems during these years; growth and nutrition needs for older children and adolescents including bone health, fad diets, sports nutrition and eating disorders; and medical nutrition therapy for pediatrics including inborn errors of metabolism, seizure control, renal disease, eating disorders, diabetes, cystic fibrosis, other nutrition related disorders.

NUTN 531 – SPORTS NUTRITION

2 credits, fall term of odd years, online

Instructor: Carol DeFrancesco, MALS, RDN, LD

This course will explore the metabolism of nutrients and nutritional needs for optimal human performance; specific recommendations for training and competition, and dietary guidelines for active individuals. Focus will

include current research findings concerning energy metabolism, fluid and electrolyte balance, vitamin-mineral supplementation, use of ergogenic aids, and exercise in extreme environments.

NUTN 532 – NUTRITION FOR THE OLDER ADULT

2 credits, winter term of even years

Instructor: Sandy van Calcar, PhD, RD, LD

Nutrition for the Older Adult will address the aging process and its impact on nutritional needs of the elderly. The course will include several guest lectures from clinicians and researchers in this field. Topics include the physiology of the aging process, with emphasis on how physical and mental changes impact nutrition needs of the elderly population, assessing nutrition status of the elderly and developing medical nutrition therapy plans for this group, food insecurity in the elderly population and available nutrition programs and resources, prevention and treatment of osteoporosis and other skeletal health concerns, role of physical activity in the aging process and exercise programs for the elderly, nutrition and aging research including calorie restriction and microbiome studies, and end-of-Life care, with emphasis on providing and withdrawing nutrition support.

NUTN 534/634 – MOTIVATIONAL INTERVIEWING FOR HEALTH CARE PROFESSIONALS

2 credits, winter term

Instructor: Carol DeFrancesco, MALS, RDN, LD

In this two-credit course students will learn the theoretical and empirical tenets of Motivational Interviewing and practice the clinical skills necessary to use this approach in health care settings. Motivational interviewing is a collaborative conversation, goal-oriented style of communication with particular attention to the language of change. It is designed to strengthen personal motivation for and commitment to a specific goal by eliciting and exploring the person's own reasons for change within an atmosphere of acceptance and compassion. At the completion of the course, students will be able to demonstrate the ability to use motivational interviewing strategies to promote health behavior change in a variety of health care settings.

NUTN 535– ONCOLOGY NUTRITION

2 credits, fall term of even years

Instructor: Julie McGuire, MS, RDN, LD

This two-credit elective will explore the relationship between nutrition and cancer prevention, treatment and survivorship. Discussions will focus on current research in oncology nutrition, and providence guidance for clinical practice.

NUTN 537 – SPORTS NUTRITION PRACTICUM

1 credit, spring term

Instructor: Carol DeFrancesco, MALS, RDN, LD

This course is designed to facilitate the development of clinical skills in providing nutrition care to collegiate athletes. The course will primarily serve as a practicum in which the student will provide nutrition counseling for athletes for two to three hours per week, and allow the opportunity for students to continue to develop documentation skills of services provided. (Prerequisite (or test out) NUTN 534: Motivational Interviewing)

NUTN 538 – GLOBAL NUTRITION

2 credits, summer A term of odd years, online

Instructor: Joanna Cummings, MS, RD_AP, CNSC

This course introduces the student to nutrition in a globalized world. The purpose of this course is to familiarize the student with 1) Existing and emerging issues in global nutrition that influences health, survival, and development capacity of people in developing societies, 2) approaches to improving nutritional well-being and knowledge in diverse populations. The course focuses on distribution and determinants of nutrition which has direct impacts on both over and under nutrition. The subsequent modules will cover Nutrition & Social Determinants, Micronutrient Deficiencies, Nutrition in Communicable and Non-Communicable Disease (NCD), Nutrition Interventions, Policy, Research Methods and Tools, Basic Techniques of Anthropometric Assessments, Ethics of Global Development and International Work. An introductory course in human nutrition is recommended for this course. Supplemental readings and podcasts will be provided. This course is offered 100% asynchronously online and consists of a mix of didactic lectures, guest speakers, podcasts and completion of a Country Nutrition Situation Report.

NUTN 539 – OBESITY FROM CELL TO SOCIETY

2 credits, spring term of even years

Instructor: Melanie Gillingham, PhD, RD, LD

This elective course is centered on the understanding the current evidence for treatment and prevention of obesity. This course aims to examine current treatments and public policies used to address the obesity crisis and stimulate debate about effectiveness of current options and thought about new approaches to deal with this critical health issues. The class will be based on a reverse classroom model where lectures will be viewed as videos prior to class, and classroom time will be focused on discussion and case studies. This series adopts a multi-disciplinary approach and includes a variety of different perspectives about the issue of obesity.

NUTN 540 – SUSTAINABLE AND EQUALITABLE FOOD SYSTEMS

2 credits, spring term, online

Instructor: Sean Gillon, PhD

Surveys the interdisciplinary field of food systems, providing an overview of the historical development of food systems, focusing on factors that determine opportunities and outcomes in terms of health, equity, sustainability, and access. Explores contemporary issues and approaches in food systems policy and practice, considering criteria, principles, and strategies for the development of sustainable and equitable food systems. Key issues explored include food policy, food insecurity, urban food environments, alternative food initiatives, and perspectives on food systems change. Students in the course consider and contextualize nutritionally-focused interventions and outcomes in terms of food systems' social dimensions.

APPENDIX B: POLICIES & RESOURCES

POLICIES

OHSU Policy Manual: Student Affairs

<https://o2.ohsu.edu/policies-and-compliance/ohsu-policy-manual/chapter-2-student-affairs/index.cfm>

OHSU Public Policy

<https://www.ohsu.edu/about/policies>

Graduate Council By-Laws

<https://www.ohsu.edu/sites/default/files/2019-04/Graduate%20Council%20Bylaws%202015-FINAL.pdf>

Codes of Conduct

<https://www.ohsu.edu/integrity-department/code-conduct>

<http://www.eatright.org/codeofethics>

Professional Appearance Policy

<https://www.ohsu.edu/sites/default/files/2018-10/professional-appearance-policy-HC-HR-101-RR.pdf>

Research Integrity Policies

<https://www.ohsu.edu/research-integrity>

Guidelines for Completion of Degree – Master’s with thesis and Master’s non-thesis

<https://www.ohsu.edu/school-of-medicine/graduate-studies/forms-and-policies>

RESOURCES

SOM Graduate Studies Handbook

<https://www.ohsu.edu/school-of-medicine/graduate-studies/forms-and-policies>

Sakai

<https://sakai.ohsu.edu>

OHSU Library

<https://www.ohsu.edu/library>

PSU Writing Center—Open to OHSU students and community members

<https://www.pdx.edu/writing-center/>

Student Life

<https://www.ohsu.edu/education/student-life>

OHSU Registrar

<https://www.ohsu.edu/education/office-registrar>

Academic Calendar

<https://www.ohsu.edu/education/academic-calendar>

Tuition & Fees

<https://www.ohsu.edu/education/tuition-and-fees>

Student Access

<https://www.ohsu.edu/education/academic-accommodations-disabilities>

Student Learning Support

<https://www.ohsu.edu/education/teaching-and-learning-center>

JBT Health & Wellness Center

<https://www.ohsu.edu/education/joseph-b-trainer-health-and-wellness-center>

OHSU Alert

<https://o2.ohsu.edu/emergency-management/alerts/index.cfm>

OHSU Inclement Weather

<https://o2.ohsu.edu/emergency-management/inclement-weather/index.cfm>

OHSU Transportation & Parking

<https://www.ohsu.edu/visit/driving-and-parking>

OHSU Copy Center

<https://www.ohsu.edu/library/printing-and-copying-services>

OHSU Discounts

<https://o2apps.ohsu.edu/hr/discounts/>

Academy of Nutrition and Dietetics Foundation

<https://eatrightfoundation.org/scholarships-funding/>

Commission on Dietetic Registration

<http://www.cdrnet.org>

Oregon Academy of Nutrition and Dietetics

<http://www.eatrightoregon.org>

AMA Manual of Style: 11th edition

<https://www.amamanualofstyle.com/view/10.1093/jama/9780190246556.001.0001/med-9780190246556>