



2018-2019 MUIH ACADEMIC CATALOG

Maryland University
of **Integrative Health**

A photograph of a wooden boardwalk or path leading through a dense forest. The path is made of light-colored wooden planks and is covered with fallen leaves. The forest is lush with green foliage, and sunlight filters through the trees, creating a bright and airy atmosphere. The word "CONTENTS" is overlaid in large, white, bold letters across the lower half of the image.

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A MESSAGE FROM THE PRESIDENT AND CEO STEVE COMBS

We are so happy to welcome you to Maryland University of Integrative Health!

We've been in integrative health for a long time. In 1974, we began as a small acupuncture clinic and by 1981 had created an acupuncture school. In fact, we were the first acupuncture school in the United States accredited by the Accreditation Commission for Acupuncture and Oriental Medicine.

Over the years, we secured and reinforced our position as a national leader and change agent in the world of integrative health. We expanded our expertise in a number of health and wellness disciplines, attracted the best and brightest faculty and students, became regionally accredited, and achieved university status.

Today, we are an accredited graduate university, one of just a few in the country that are completely dedicated to integrative health. Our commitments, very simply, are to educate, heal, support, and collaborate. You can count on us to deliver consistently on these promises.

Being a "healing presence" is an element that is essential to everything we do. We take pride in our values-driven philosophy, and our foundational principles are front and center in all our actions. We strongly believe in the power of relationships to heal. Our students are assessed on their ability to develop this healing presence, which includes elements of empathy, self-reflection, and mindfulness. We also strive to use this healing presence in meetings with our partners and when we are out in the community. We respect the role of allopathic medicine and prepare our students to work side by side with healthcare providers from all disciplines.

We believe in the power of community. This is a fundamental part of the MUIH experience, and it is evident both on campus and when you engage with us virtually. Just as a patient and practitioner form a mutually rewarding relationship on the path toward healing, our faculty and students learn from each other and develop lasting bonds that support a sense of interconnection and unity.

We are on a fulfilling, meaningful, and exciting adventure to shift the landscape of healthcare, and your contributions are most welcome.

In gratitude,

A handwritten signature in black ink, appearing to read "Steve Combs". The signature is fluid and cursive, with a large, stylized "S" and "C".

Steven C. Combs, Ph.D.
President and CEO



A MESSAGE FROM PROVOST CHRISTINA SAX

Welcome to Maryland University of Integrative Health!

In selecting MUIH, you have joined a vibrant community of scholars, practitioners, and researchers committed to the field of integrative health. We are dedicated to the success of our students while they are studying at MUIH, and as professionals in their chosen field once they have graduated. Our academic programs provide advanced knowledge and skills in particular fields, and are grounded in scientific knowledge, research literacy, inter-professional practice, healing presence, and practice management.

Our academic advising and support specialists, orientation, library, disabilities support staff, career center, registration, admissions, alumni affairs, technology, and continuing education teams provide a supportive network to enhance your learning and navigation through your program and the University.

Our faculty bring a wealth of expertise to the on campus and online classrooms, as well as to the clinical, internship, and field experiences in our Natural Care Center and Dispensary and in a variety of off-campus locations and online. Their commitment to academic, clinical, and research excellence enrich the lives of our students, the community, and their profession. I encourage you to take advantage of the opportunities that await and embrace the journey ahead!

With warm regards,

A handwritten signature in dark ink, appearing to read 'C. Sax'.

Christina M. Sax, Ph.D.

Provost and Vice President for Academic and Student Affairs

A COMMUNITY DEDICATED TO WELLNESS

Maryland University of Integrative Health (MUIH) is the leading academic institution for integrative health in the nation.

For more than 40 years, MUIH has educated practitioners in health and wellness through transformative and relationship-centered programs that draw from traditional wisdom and contemporary science. MUIH offers graduate programs in a wide range of health and wellness fields, as well as programs for professional and personal development. In our on-campus Natural Care Center and community outreach settings, we provide compassionate and affordable health care from student interns and professional practitioners, and deliver more than 15,000 clinical treatments and consultations each year.

Our 12-acre campus houses a bookstore, library, clinic, herbal dispensary, art gallery, and meditation and herb gardens. We welcome you to explore the abundant opportunities for growth and renewal.

MISSION

A distinctive community of scholars, researchers, practitioners, and advocates, MUIH promotes whole person, relationship-centered healthcare. Through discovery and exploration, we deliver progressive educational programs, advance innovative clinical models, build mutually beneficial partnerships, and provide opportunities for fulfilling careers.

VISION

Serving as a leader in the global transformation of health and

wellness, we integrate healing traditions and contemporary science, acknowledge the wisdom of the body and nature as a teacher, and focus on the interconnection of mind, body, and spirit.

Our work enables people to thrive through the cycles of life.

FOUNDATIONAL PRINCIPLES

At Maryland University of Integrative Health, we commit, individually and collectively, to remembering these foundational principles. We use these to guide our behavior, inform our decisions, and shape our preferred future.

INTERCONNECTION

Everyone and everything in the universe is intrinsically connected. Modern science and ancient healing traditions both reflect our interdependence with the environment. Health care research shows that individual well-being is directly connected to the health of both the social community and the ecological environment. Ancient healing traditions assert that individually and collectively people shape the world in which they live through their words, actions and thoughts.

HOLISM

A person, organization, or system is more than the sum of its parts and can ultimately only be understood and explained as a whole. This holistic perspective significantly impacts healthcare, research, and community life. Working from this orientation, practitioners take into consideration the entirety of a person (body-mind-spirit); researchers apply systems approaches rather

than reductionist models to the study of therapeutic disciplines; and educators, policy makers, and community members make decisions and take action within the context of the whole.

TRANSFORMATION

People, communities, and organizations have the potential for profound and ongoing change. Transformation is catalyzed by the environment and receptivity to change. The availability of resources and a sense of empowerment are central to positive transformations. Time-honored traditions assert that living in harmony with nature, cultivating mindfulness, and serving others are paths to individual and community transformation.

DIVERSITY

Diversity underlies the health of any system. In the natural world, biological diversity generates and reflects a sustainable ecology. Diversity of people within an organization or community contributes to creativity, adaptability, and the checking of group bias. Recognition of diverse explanatory models of health and disease, the value of different healing modalities, and the uniqueness of each person provides the foundation for an inclusive and robust model of healthcare.

RESILIENCE

Resilience is the process of navigating change and effectively recovering from challenges. It is a type of adaptation that involves maintaining core integrity while adjusting to meet the demands of shifting circumstances. At its best, resilience involves not only meeting a challenge but also evolving and thriving as a result of the process. Physiological

resilience reflects the capacity to maintain and adjust biological states, as needed. From a whole person perspective, resilience emerges from a multitude of factors, including accepting circumstances that cannot be changed; taking decisive actions when required; cultivating a healthy, positive perspective; developing a sense of purpose in life; and establishing strong social support.

VALUES COMMUNITY

We operate from an acknowledgment and declaration of interconnection.

Our strength and success derive from each of us individually and collectively taking responsibility for the whole.

MINDFULNESS

We are intentional and thoughtful in our interactions and in our choices. We listen deeply to one another, choose our words with care, and take actions that serve each other and the common good.

INTEGRITY

We ground our actions and words in honesty, compassion and dignity. We aspire to excellence and accountability in all we do.

INQUISITIVENESS

We are committed to lifelong learning. We examine our positions and assumptions to discover new perspectives and ways of being. We strive to be open, to receive coaching, and to respond effectively to feedback.

DISCERNMENT

We make decisions with reference to our past, present, and future. We honor and learn from the elders, align with our principles and values, and consider the impact of our choices on future generations.

ACCREDITATION

MUIH is accredited by the Middle States Commission on Higher Education (MSCHE), an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation.

■ Middle States Commission on Higher Education (MSCHE)

3624 Market Street
Philadelphia, PA 19104
267-284-5000
www.msche.org

MUIH's Master of Acupuncture and Master of Oriental Medicine programs are accredited under Master's Degree standards by the Accreditation Commission for Acupuncture and Oriental Medicine (ACAOM), the recognized accrediting agency for programs preparing acupuncture and Oriental medicine practitioners.

■ Accreditation Commission for Acupuncture and Oriental Medicine (ACAOM)

8941 Aztec Drive
Eden Prairie, Minnesota 55347
Phone: 952-212-2434
Fax 952-657-7068
www.acaom.org

MUIH's Doctor of Acupuncture and Doctor of Oriental Medicine programs are not accredited or pre-accredited (candidacy) by the Accreditation Commission for Acupuncture and Oriental Medicine (ACAOM). Graduates of these programs are not considered to have graduated from an ACAOM accredited or candidate program and may not rely on ACAOM accreditation or candidacy for professional licensure or other purposes. These programs are eligible for ACAOM accreditation, and MUIH is currently in the process of seeking ACAOM candidacy/accreditation for the programs. However, MUIH can

provide no assurance that candidacy or accreditation will be granted by ACAOM.

MUIH's Master of Science in Yoga Therapy program is accredited by the International Association of Yoga Therapists (IAYT).

■ International Association of Yoga Therapists (IAYT)

PO Box 251563
Little Rock, AR 72225
928-541-0004
www.iayt.org

BOARD AND ADMINISTRATION

BOARD OF TRUSTEES

- T. James (Jim) Truby, M.A., Chair
- Anne Lin, Pharm.D., Vice Chair
- Adele Wilzack, M.S., Chair Emeritus
- Jonathan W. Anders
- Mark E. Behm, M.B.A.
- Sherman L. Cohn, J.D.
- Steven C. Combs, Ph.D., President and CEO – Ex Officio
- Hamed Faridi, Ph.D.
- Christopher M. Formant, M.B.A.
- André Gingles, J.D.
- Janet Kahn, Ph.D.
- Bonnie J. Kramer, M.S., M.Ac.
- John Rosa, D.C.
- Beverly J. White-Seals, J.D.

PRESIDENT'S EXECUTIVE COUNCIL

- Steven C. Combs, Ph.D., President and Chief Executive Officer
- Melissa Cahill, M.S., Director of Human Enrichment
- Lesly Elvard, M.S., Director of Information Technology
- Tita Gray, Ed.D., M.B.A., Associate Vice President of Student and Alumni Affairs
- Marc Levin, M.B.A., M.A., Vice President for Finance & Administration, CFO and COO
- Nigel Long, M.B.A., Vice President for Enrollment Management
- Christina M. Sax, Ph.D., Provost and Vice President for Academic and Student Affairs
- Cheryl Shapero, M.L., Associate Vice President, Values, Diversity, and Inclusion
- James Snow, M.A., Dean of Academic Affairs
- Susan Testa, M.S., Associate Vice President, Clinical Services
- Natalie Williams, M.S., Vice President for University Advancement
- Brian Lee, M.P.A., Executive Associate to the President and CEO, and Director of Facilities

UNIVERSITY LEADERSHIP COUNCIL

- Melissa Cahill, M.S., Director of Human Enrichment
- Steven C. Combs, Ph.D., President and CEO
- Lesly Elvard, M.S. Director of Information Technology
- Deneb Falabella, M.Ac., Assistant Provost, Academic Assessment and Accreditation
- Diane Finlayson, M.L.A., Yoga Therapy and Ayurveda Department Chair
- Camille Freeman, M.S., Faculty Senate Representative
- Tita Gray, Ed.D., M.B.A., Associate Vice President of Student and Alumni Affairs
- Kathleen Holloway, Ed.D., Director of Institutional Assessment and Effectiveness
- Mary Ellen Hrutka, Ph.D., Associate Provost, Academic Operations
- Jenifer Kirin, M.L.S., Library Director
- Brian Lee, M.P.A., Executive Associate to the President and CEO, and Director of Facilities
- Marc Levin, M.B.A., M.A., Vice President for Finance & Administration, CFO and COO
- Nigel Long, M.B.A., Vice President for Enrollment Management
- Rebecca Pille, Ph.D., Health and Wellness Coaching Department Chair
- Cheryl Shapero, M.L., Associate Vice President, Values, Diversity, and Inclusion
- James Snow, M.A., Dean of Academic Affairs
- Susan Testa, M.S., Associate Vice President, Clinical Services
- Michael Tims, Ph.D., Herbal Medicine Department Chair
- Sherryl Van Lare, Student Delegation Representative
- Christina M. Sax, Ph.D., Provost and Vice President for Academic and Student Affairs
- Kathleen Warner, Ph.D., Nutrition and Integrative Health Department Chair
- Alexandra Wick, Staff Delegation Representative
- Natalie Williams, M.S., Vice President for University Advancement
- Claudia Wingo, M.P.H., Health Promotion Department Chair
- Alexandra York, M.S., Interim Acupuncture and Oriental Medicine Department Chair

LEARNING AND PHYSICAL RESOURCES

MAIN CAMPUS

Maryland University of Integrative Health's (MUIH's) Main Campus is situated on 12 acres in Laurel, MD, located between Baltimore and Washington, DC. The campus takes advantage of adjacent untouched woodlands and stream valleys to create closeness with the environment and the changing seasons of nature. The land is adjacent to the Middle Patuxent River Valley, a major conservation area, and has footpaths leading to the Patuxent Wildlife Preserve. The campus includes a 32,500-square-foot building featuring classrooms, meeting rooms, a clinic, a public library, an herbal dispensary, a student lounge and kitchen, and a bookstore and café. Wi-Fi service is available throughout the building. The campus also offers outdoor learning spaces, including a meditation garden and an herb garden. Parking is available adjacent to the building. For directions and a map to the campus, refer to the MUIH website.

- 7750 Montpelier Rd.
Laurel, MD 20723
- **Building Hours**
Mon - Fri: 7:00 am – 10:00 pm
Sat and Sun: 7:00 am – 7:00 pm

MAPLE LAWN CAMPUS

MUIH's Maple Lawn Campus is comprised of two office suites in an office building in Maple Lawn, a 600-acre mixed-use business community located three miles from the Main campus. The 10,070 square feet of office space utilizes energy-efficient resources, maximizes natural light, and features seasonal and nature-themed art. The Maple Lawn Campus houses a mix of academic and administrative departments and offices.

- 8115 Maple Lawn Blvd – Suite 100
Fulton, MD 20759
- **Building Hours**
Mon – Fri: 8:00 am – 6:00 pm

SHERMAN COHN LIBRARY

The Sherman Cohn Library contains a wealth of carefully selected materials from small presses and mainstream publications in support of the innovative academic programs offered at MUIH. As part of a values-driven university, our library collection is rich in resources about myriad healing systems, mindfulness, philosophy, psychology, spirituality, and other related topics that support our students and patrons on their journey toward professional and personal transformation.

Research is an integral part of graduate studies, and our staff has the experience to help patrons develop efficient and effective research skills using print, audiovisual, and online resources. Students may make appointments for individual research consultation at no charge. The library also schedules group sessions for general training and for customized course needs.

Located within MUIH's Main Campus, the library includes computer workstations and online access. Subscriptions available include Planta Medica, Natural Standard, the EBSCO host databases, and a customized version of PubMed. A pay-per-use photocopier is also available to students.

The library is open to current students, faculty, staff, alumni, and the public. Links to all resources are accessible online and most are available to the public. Information

for accessing library resources is available at www.muih.edu/library.

- 410-888-9048 ext. 6644
librarydesk@muih.edu
www.muih.edu/library
- **Library Hours**
Effective August 1, 2018, the Library will follow this schedule:
 - **Spring and Fall Trimesters**
Mon, Wed and Fri: 8:30 am – 6:00 pm
Tues and Thurs: 9:30 am – 7:00 pm
Sat: 9:30 am – 6:00 pm
 - **Summer Trimester and All Breaks**
Mon - Sat: 9:30 am – 6:00 pm

MEETING POINT BOOKSTORE AND CAFE

Located off MUIH's Main Campus lobby, the Meeting Point Bookstore and Café (Meeting Point) is dedicated to nourishing the mind and body. The store offers many of the required texts for the University's academic programs, and students can place special orders for titles not available on the shelves. The Meeting Point also carries a variety of pre-packaged lunch and snack items, as well as our own extensive brand of herbal teas.

- 410-888-9048 ext. 6632
bookstore@muih.edu
- **Meeting Point Hours**
Mon - Fri: 8:30 am – 9:30 pm
Sat and Sun: 8:00 am – 6:00 pm

NATURAL CARE CENTER AT MUIH

Many of our academic programs include a clinical phase during which students serve as clinical interns, performing treatments on their own under close supervision of experienced clinical faculty while learning the skills necessary to become effective, safe, compassionate, and independent practitioners. The University's

integrative healthcare center, the Natural Care Center, serves as a teaching clinic for interns and is located on MUIH's Main Campus.

- 7750 Montpelier Rd.
Laurel, MD 20723
410-888-9048 ext. 6614
naturalcarecenter@muih.edu
www.muih.edu/ncc
- **Natural Care Center Hours**
Mon – Thurs: 9 am – 9 pm
Fri: 9:00 am – 7 pm
Sat and Sun: 9:00 am – 6 pm

EXTERNAL CLINICAL TRAINING SITES

Students in some programs have opportunities to participate in internships, practicum, and clinical experiences off campus. MUIH has established myriad partnerships and collaborations in the Baltimore and Washington, DC regions, and around the nation. Sites include a variety of organizations, including hospitals, integrative health clinics, physician practices, public health settings, community centers, and governmental agencies. These opportunities enrich and expand the student experience, allow them to be a part of inter-professional healthcare and research teams, and prepare them for successful careers. At each of the sites, our student interns deliver personalized health and wellness services to a broad base of patients and clients. Many settings also include rotations where clinical interns can develop specialized experience and fluency in their practices. MUIH pursues and maintains partnerships throughout the region and the nation to benefit both on-campus and online students.





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SUPPORT SERVICES

ACADEMIC ADVISING

In addition to faculty mentoring, the student-advisor relationship is integral to student success. Every student at MUIH is assigned an advisor with whom they meet regularly. Issues such as scheduling of courses, curriculum requirements, selection of electives, academic progress, and registration are important areas for discussion with advisors.

STUDENT SUPPORT

Student success is a priority at MUIH, and the Student Support Center was established to assist students who are experiencing challenges affecting their experience at MUIH or simply seeking to enhance their learning. These services are tailored to the individual student's needs, and could include assistance with writing skills, tutoring, connection with on-campus and community resources, and/or coaching on time management, conflict resolution, learning retention, building resilience, managing test anxiety and notetaking/study strategies. Students seeking assistance should contact Michelle Coleman, Coordinator of Student Retention, Success and Disability Services.

ACCESSIBILITY

MUIH's buildings provide wheelchair-accessible assigned parking for persons with disabilities. Elevators provide access to offices and treatment rooms located on the second floor of the Main Campus.

CAMPUS SECURITY

The Vice President, CFO & COO, is responsible for campus security and informs the campus community of issues related to campus security. The Vice President, CFO & COO, ensures that there is timely warning to the campus community of any and all Clery Act crimes on campus and the properties adjacent to campus, whether reported to the institution or local police authorities. This report also includes all properties used by MUIH, including internship and community sites, recurring retreat and field trip locations, and rented facilities. The current report may be found at www.muih.edu/campus-community/about-campus/safety-and-security. The Vice President, CFO and COO, also ensures that emergency notifications are sent to the campus when necessary. As required by the U.S. Department of Education, MUIH prepares an annual security report that is posted online. Students receive

email notification of the availability of this report, including a report summary, and may request a hard copy of the report.

Under Campus SaVE, the University is required to report additional Clery Act violations for dating violence, domestic violence, stalking, and sexual assault. It is also required to ensure that upon receiving a report, the student, faculty, or staff member is provided with certain resources and notification of their rights. The University has made information available to students on the key definitions under Campus SaVE, and options available for reporting an incident. Anyone aware of an incident on or off campus affecting one of MUIH's students, faculty, or staff members should report it to:

- Tita Gray, Title IX Coordinator
410-888-9048 ext. 6627 (office)
tgray@muih.edu

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

Maryland University of Integrative Health complies with the Family Educational Rights and Privacy Act (FERPA) of 1974 which protects the privacy of students. Students have specific rights and privileges regarding the University's release of personal information and records. Student records are protected by FERPA, which stipulates that institutions cannot release students' records to any third party without the student's consent. Educational Records include student records or information directly related to a student, which may be found in print, electronic records, film, handwriting, etc., secured by the University or an agent of the University. The following are not considered educational records: security or law enforcement records, employment records (unless employment is a result of student status), and medical records.

Students may complete a written waiver giving consent to release their official records. This form can be located on my.muih.edu under Forms & Policies for Students. Maryland University of Integrative Health maintains students' personal information and records and is responsible for their maintenance, release, and disposal. Additionally, FERPA requires that students be advised of their rights concerning educational records maintained by the University. In accordance with FERPA, the policy covers educational records and allows students the opportunity:

- To view and inspect their individual records.
- To challenge information in their individual educational records as inaccurate.
- To maintain their educational records as private, unless they provide written consent to allow access to a third party.

To file formal complaints alleging a violation of FERPA with the Department of Education, send to:

- **Family Policy Compliance Office**
US Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5901

DISABILITIES SERVICES POLICY – STUDENTS

MUIH is committed to ensuring equal access for qualified individuals with disabilities and fully complies with all relevant federal and state laws. At MUIH, no qualified individual with a disability is excluded from participation in, denied the benefits of, or subjected to discrimination in access to services, benefits, and extracurricular activities at the University solely by reason of his or her disability.

A “qualified individual with a disability” is a person with a disability who has been certified by

a professional qualified to evaluate the disability in question; meets the essential eligibility requirements for participation in or receipt of a program or activity; and is capable with accommodations as necessary to ensure that such requirements do not discriminate or have the effect of discriminating, on the basis of their disability, against a qualified prospective or matriculated student.

It is the responsibility of the student who has a disability and needs assistance in gaining equal access to services, benefits, and activities at the University to contact the Office of Disability Services with a completed and signed Confidential Accommodation Request Form along with documentation of the need for an accommodation. The Confidential Accommodation Request form is available on My MUIH (under Forms and Policies/For Students; under Disability Services). As appropriate to the disability, documentation should follow these guidelines:

- This documentation must be issued by an appropriate professional such as a psychologist, psychiatrist, or physician. The credentials of the diagnosing professional should include information describing the certification, licensure, and/or professional training of the person conducting the evaluation.
- The documentation should include a diagnostic statement identifying the existence and impact of the disability, date of the current diagnostic evaluation, and date of the original diagnosis. The diagnostic systems used by the U.S. Department of Education, the State Department of Rehabilitative Services, or other State agencies and/or the current editions of either the Diagnostic Statistical Manual of the American Psychiatric Association (DSM) or the International Statistical Classification of Diseases and Related Health Problems of the

World Health Organization (ICD) are the recommended diagnostic taxonomies.

- The documentation should also explain how a disability limits an individual's ability to benefit from a particular delivery system, instructional method, or evaluation criteria, or to perform certain duties or functions. It should address the accommodation that is necessary and how the accommodation might mitigate the effect of the disability.
- The documentation should include a description of the impact of treatments and/or medications, assistive devices, accommodations and/or assistive services in current use and their estimated effectiveness in ameliorating the impact of the disability. Significant side effects that may affect physical, perceptual, behavioral, or cognitive performance should also be noted.
- The documentation should provide a description of the diagnostic criteria and/or diagnostic test used. The description should include the specific results of diagnostic procedures, diagnostic tests utilized, and when administered. When available, both summary and specific test scores should be reported as standard scores and the norming population identified. When standard scores are not available, then the mean, standard deviation, and standard error of measurement are requested as appropriate to the construction of the test. Diagnostic methods used should be congruent with the disability and current professional practices within the field. Informal or non-standardized evaluations should be described in enough detail that a professional colleague could understand their role and significance in the diagnostic process.
- New documentation may be required if (i) an individual's diagnosis changes, (ii)

the individual requests an accommodation that is new or different from the accommodation(s) included in the documentation, (iii) the documentation submitted is not pertinent to and/or does not support the accommodation request, or (iv) the documentation is outdated (three years or more). If a Student Retention, Success and Disability Services Coordinator determines that additional information regarding an individual's disability is needed, the individual will be contacted in a timely manner.

- The Student Retention, Success and Disability Services Coordinator will verify the disability and collaborate with the student in identifying accommodations and ways to implement these accommodations. Accommodations may include, but are not limited to, auxiliary aids and other services.
- Students will be notified of approved accommodations in writing within two weeks.
- Requests for accommodations will be considered on an individual, case-by-case basis.

Any person who believes she or he has been subjected to discrimination on the basis of disability may file a grievance under this procedure. It is against the law for MUIH to retaliate against anyone who files a grievance or cooperates in the investigation of a grievance.

PROCEDURE

Grievances must be submitted to the Associate Vice President of Student and Alumni Affairs within 15 calendar days of the date the person filing the grievance becomes aware of the alleged discriminatory action. A complaint must be in writing, containing the name and address of the person filing it. The complaint must state the problem or action alleged to be discriminatory and the remedy or relief sought.

The Associate Vice President of Student and Alumni Affairs (or her/his designee) shall conduct an investigation of the complaint. This investigation may be informal, but it must be thorough, affording all interested persons an opportunity to submit evidence relevant to the complaint. The Associate Vice President of Student and Alumni Affairs will maintain the files and records of MUIH relating to such grievances.

The Associate Vice President of Student and Alumni Affairs or his/her designee will issue a written decision on the grievance no later than 30 days after its filing.

The person filing the grievance may appeal the decision of the Associate Vice President of Student and Alumni Affairs or his/her designee by writing to the Provost or his/her designee. The Provost shall issue a written decision in response to the appeal no later than 30 days after its filing.

The availability and use of this grievance procedure does not prevent a person from filing a complaint of discrimination based on disability with the U. S. Department of Health and Human Services, Office for Civil Rights.

MUIH will make appropriate arrangements to ensure that persons with disabilities are provided other accommodations, if needed, to participate in this grievance process. Such arrangements may include, but are not limited to, providing interpreters for the deaf, providing notetaking, or assuring a barrier-free location for the proceedings. The Associate Vice President of Student and Alumni Affairs will be responsible for such arrangements.

Persons with questions regarding this policy should contact the University's Associate Vice President of Student and Alumni Affairs:

- **Maryland University of Integrative Health**
7750 Montpelier Road
Laurel, MD 20723
410-888-9048
studentaffairs@muih.edu

TEACHING AND LEARNING CENTER

MUIH offers many online courses and programs using the Canvas learning management system (LMS). The MUIH Teaching and Learning Center (TLC) is dedicated to working with faculty to create online courses that apply proven best practices. TLC provides the University's faculty, staff, and students with resources that promote a successful online learning experience.

- **Teaching and Learning Center**
410-888-9048 ext. 6747
online@muih.edu
- **24-7 CANVAS Student Support**
1-833-848-5052
support@instructure.com

THE REGISTRAR'S OFFICE

The Registrar's Office assists students by managing course registration, maintaining student and alumni records, processing transcript requests, assisting active military and VA students, supporting international student processes, and overseeing all aspects of commencement. A complete list of forms and resources from the Registrar's Office are available online.

- 410-888-9048 ext. 6620
registrar@muih.edu
www.muih.edu/academics/office-registrar

POLICIES OF THE PROGRAMS

The policies, guidelines, regulations, and procedures of the University and its programs are located in

the Student Handbook or on the University Policies page.

All students must familiarize themselves with current policies and conform to these policies at all times. The student handbooks include, for example, policies concerning satisfactory academic progress, grading, remaining up-to-date on health requirements, information on a drug-free workplace, the Family Educational Rights and Privacy Act (FERPA), the student grievance procedure, sexual harassment, and sexual assault policies. The handbooks also set forth practical, day-to-day operational information for students.

RESIDENCY AND HOUSING

Students are responsible for securing their own housing. Students in on-campus, full-time day programs should decide for themselves what is a realistic commuting distance to the University. Although it takes a bit of effort and determination, some students have commuted without moving to Maryland on a permanent basis. Many of these individuals rented space that accommodated them two to three nights a week while attending classes.

Students in on-campus weekend programs may wish to take advantage of an extended-stay hotel located within walking distance of campus. More information about local hotels is available at www.muih.edu/ visit.

ADMISS POLIC REQUI



ADMISSIONS POLICIES AND REQUIREMENTS

Dear prospective students,

Welcome!

It is an honor to support your exploration of Maryland University of Integrative Health's (MUIH's) graduate programs. Each distinct program is designed to provide you with the knowledge and skills to build a successful career and to become a knowledgeable and energetic professional in today's elite health and wellness workforce.

We invite you to get to know MUIH, whether it's by visiting campus, joining us for a webinar, meeting us at an event, speaking with an admissions counselor, or observing a class. The admissions team is committed to providing you with clear information and personalized guidance throughout the admissions process. We look forward to serving you as you take the next steps on your journey.

Warmly,
Nigel Long, M.B.A.
*Vice President of Enrollment
Management*

CONTACT THE GRADUATE ADMISSIONS OFFICE

410-888-9048 ext. 6647
admissions@muih.edu

CONTACT THE FINANCIAL AID OFFICE

410-888-9048 ext. 6628
financialaid@muih.edu

HONORING DIVERSITY

One of MUIH's most deeply held values is community. We believe that we are intrinsically interconnected with each other, and that belief calls on us to ensure that MUIH is a community where people of all identities and life experiences are understood, appreciated, and fully included.

MUIH believes that our commitment to diversity makes our organization stronger and is central to fulfilling our mission as healers. We are deeply committed to understanding and caring for all people and to addressing health care disparities through service in underserved communities.

DISCRIMINATION POLICY

MUIH is an equal opportunity institution. Applicants for admission, employment, and financial aid are considered based on individual merit and within the guidelines of the law. No person is excluded from participation in, denied the benefits of, or subject to discrimination in any program or activity of the University on the basis of race, color, national or ethnic origin, gender, gender identity, sexual orientation, marital status, pregnancy, age, religion, disability, or any other characteristic protected by law. Please contact the Office of Human Enrichment for inquiries or concerns related to this policy.

MUIH does not discriminate on the basis of sex (including pregnancy, childbirth, or breastfeeding), race, religion (including religious dress), color, gender (including gender identity and gender expression), national origin or ancestry (including accent), physical or mental disability, genetic information, marital status, age, sexual orientation, veteran or military status, or any other basis protected by federal, state, or local

law, ordinance, or regulation. MUIH also prohibits harassment on the basis of these characteristics.

Anyone who feels they have been subject to discrimination or harassment, or those who observe incidents of discrimination or harassment in the MUIH community, should report the matter to the appropriate office. A Discrimination Complaint Reporting Form should be completed and submitted to the Associate Vice President of Student and Alumni Affairs for students or the Director of Human Enrichment for employees. If a complaint is being filed against either of these individuals, either is unavailable, or any other conflict exists in making a report to either, the Reporting Form may be submitted to the other individual for investigation.

MUIH's Graduate Admissions Office adheres to the *Best Practices for Graduate Enrollment Management Professionals* as outlined by the National Association of Graduate Admissions Professionals.

■ National Association of Graduate Admissions Professionals

PO Box 14605
Lenexa, KS 66285
913-895-4616
www.nagap.org

APPLICATION AND ADMISSIONS PROCEDURES

APPLICATION REQUIREMENTS

The following materials are required to apply to MUIH:

- Completed application form*
- Application fee (see Tuition & Fees for details)
- Resume
- Essay(s) (following the guidelines outlined in the application form)
- Official transcripts from all post-secondary institutions attended (see Transcripts for details)

Additional requirements may exist for specific programs. Please refer to the Admission Requirements section of each program for details.

All application requirements except transcripts may be submitted through MUIH's online application, available at www.muih.edu/admissions/application-process/application.

All materials, including application fees, must be received for an application to be considered complete.

* Applicants to online programs who hold permanent residency in one of the following states must contact the Graduate Admissions Office before submitting an application: Alabama, Arkansas, Georgia, Iowa, Michigan, Montana, Minnesota, New York, South Dakota, and Wisconsin. This list may change; please refer to www.muih.edu/admissions/application-process for updates.

TRANSCRIPTS

Official transcripts are required from all post-secondary institutions from which a degree was earned,

or as proof of credit as necessary to satisfy admissions requirements. Official transcripts should be sent directly from the respective college or university by mail or email. MUIH reserves the right to request additional transcripts and course descriptions. Any waiver of supplemental transcripts is at the discretion of the Provost of the University.

For those whose bachelor's degree was not completed at a regionally accredited college or university or recognized by the U.S. Department of Education, copies of the institution's academic catalog will be required and course syllabi may be requested.

For those whose bachelor's degree was completed at a college or university outside of the United States, a third-party course-by-course academic evaluation is required. See the International Students section of this catalog for more information.

Please mail or deliver all transcripts to:

- **Graduate Admissions Office**
Maryland University of Integrative Health
7750 Montpelier Rd
Laurel, MD 20723
admissions@muih.edu

INTERVIEW

An interview may be required for some applicants. Applicants will be notified by the Graduate Admissions Office or an Academic Director if an interview is required. The interview may be conducted on campus, by phone or online.

DEADLINES

MUIH accepts and reviews applications throughout the academic year. In most cases, applications are reviewed as they are received, on a space-available basis. It is recommended that applicants apply two to four months before their intended start date. For a current list of upcoming start dates by program, see www.muih.edu/admissions/application-process/program-start-dates.

There are priority application deadlines for doctoral and master's degree programs:

Start Date	Priority Deadline
Fall	July 1
Spring	November 1
Summer	March 1

Applications will still be accepted and reviewed after the priority application deadline has passed. However, there will be an increased application fee for applications submitted after that deadline (see Tuition and Fees). If the intended start date of the applicant is no longer available due to the class being filled, the applicant will be notified by the Graduate Admissions Office.

There are no priority application deadlines for post-baccalaureate and post-master's certificate programs.

REVIEW & DECISION PROCESS

Once the Graduate Admissions Office has received all required application materials, including the application fee, an application is considered complete and the review process begins. Applications are reviewed by the Academic Director or their

designee in the respective academic department and by the admissions staff. This process typically takes two to four weeks, at which time a letter of decision will be sent. Admissions decisions will be issued electronically. At the discretion of the Graduate Admissions Office, late applicants may be given this information by phone when required.

Applicants who are denied admission to a program must wait one calendar year before re-applying to the institution.

DEFERRALS

Offers of acceptance may be deferred one time for up to one year. Requests for deferral must be made in writing to the Graduate Admissions Office, no later than close of business on the fifth day of the original trimester's start date. Students who request a deferral after acceptance will be required to pay the non-refundable tuition deposit in order to hold their space in the program. In this case, financial aid cannot be used to cover the cost of the tuition deposit. If a student with a deferred acceptance does not enroll within one year, the student will need to re-apply for future admittance. Tuition deposits may be applied to a future enrollment within two years of the initial intended program start date, and then will be forfeited. See Tuition Deposits for more information.

CONDITIONAL & PROVISIONAL ACCEPTANCES

CONDITIONAL ACCEPTANCE

Applicants who are conditionally accepted based upon unofficial documentation of admission requirements, such as transcripts, are required to supply official copies within one trimester of matriculation or they will be administratively withdrawn from their program(s).

All other forms of conditional acceptance will be articulated clearly and specifically within the letter of acceptance. Administratively withdrawn students will need to reapply in order to continue their studies. Readmission is not guaranteed.

PROVISIONAL ACCEPTANCE

Applicants who are provisionally accepted must supply all required documents prior to their intended start date or they will not be permitted to begin their program. Neglecting to do so will lead to administrative withdrawal. Administratively withdrawn students will need to reapply in order to continue their studies. Readmission is not guaranteed.

RIGHT TO RESCIND ADMISSION

MUIH reserves the right to rescind admission or enrollment in exceptional circumstances, whether occurring prior to the time of application, during the time of application review, or after the admissions decision has been made, if the University finds that:

- Academic performance has declined since application;
- An applicant misrepresented or falsified information in their application;
- Behavioral issues or disciplinary incidents put in question the suitability of the applicant for the program; or
- Conditions of acceptance outlined in the conditional/provisional acceptance letter were not met, or not met by the deadline.

INTERNATIONAL STUDENTS

An applicant who has earned any degree outside of the United States must submit an official evaluation from an approved foreign credential

evaluation service confirming the U.S. equivalency of the foreign degree(s). Students must order this evaluation independently, and it must be received in a sealed envelope from the evaluation service. Any current member of the National Association of Credential Evaluation Services (www.naces.org) or the Association of International Credential Evaluators (www.aice-eval.org) can be used for the official evaluation of foreign degrees. MUIH will accept official degree evaluations from the American Association of Collegiate Registrars and Admissions Officers (www.aacrao.org) that occurred prior to September 2016.

The University is authorized under United States law to enroll non-resident alien students. All prospective international students applying for admission must fulfill all admissions requirements and be accepted a minimum of 60 days prior to the start of the first trimester.

MUIH requires that all applicants who intend to hold F-1 student visa status while enrolled in a program submit official financial statements to determine eligibility to receive a Form I-20. In order to receive the I-20, applicants must demonstrate that they can support themselves through the duration of their intended program or are able to receive financial support from a sponsor for the same period.

When considering study in the United States, applicants should carefully consider how they would support themselves financially. Students should not expect to support themselves through employment, as immigration laws limit employment for international students. Additionally, MUIH is not responsible for changes in students' financial circumstances while enrolled. Applicants must complete and return the Financial Responsibility

Form and provide official current bank statements showing evidence of the required funds. Applicants with dependents who will apply for F-2 visas must also provide proof of financial support for their dependents.

International students applying for 100% online graduate programs with the intention of completing them while in their home country must fulfill all general and international admissions requirements, but are not required to submit the Financial Responsibility Form/I-20 Application, or go through the F-1 visa application process, as no F-1 visa will be issued.

Individuals already in the United States who are applying for admission must present proof of a valid passport, visa stamp page and I-94 arrival/departure card, and any other document(s) that may be a part of the student's current visa status.

MAINTAINING LEGAL F-1 STATUS

It is essential that all international students adhere to the Department of Homeland Security regulations that govern a student's status. This is the individual student's responsibility of which they must be aware and for which they are accountable.

Please be advised that these policies are enforced and that ignorance of the law is not considered an excuse for noncompliance. Therefore, it is essential that students maintain their legal F-1 status. The following is provided solely for informational purposes:

- Ensure that your passport is valid at all times. Contact your embassy regarding extension issues at least six months prior to your passport expiration date (www.embassy.org).
- Students must be registered for a full-time course load in each trimester to maintain F-1 status.

- Should you move to another address, ensure that the Office of the Registrar is notified in writing within 10 days of the move.
- Should you leave the U.S., make sure that the F-1 visa in your passport is valid. If this is not the case, you must apply for a new one overseas before attempting to re-enter the U.S. (see Department of State Visa Services). Make an appointment with the Office of the Registrar to have your Form I-20 endorsed for travel before departing from the United States.
- F-1 students are not permitted to work.
- Should you change your program or need an extension of time to complete the program, you must apply for an extension at least one month before your I-20 expires.
- New students with a Form I-20 are required to pay the SEVIS fee, which is non-refundable (subject to change). This is a separate fee paid to the Student and Exchange Visitor Program at the Department of Homeland Security. You can fill in the Form I-901 online at www.fmjfee.com. For more information on the SEVIS I-901 non-refundable fee, please see the website at www.ice.gov/sevis/i901.

In December 2003, the United States Department of Homeland Security (DHS) implemented a new system for recording information on international visitors entering and exiting the U.S. As part of this initiative, the Student and Exchange Visitor Information System (SEVIS) was introduced; it is administered by the Student and Exchange Visitor Program (SEVP), which is a division of United States Immigration and Customs Enforcement (ICE), the largest investigative division of the Department of Homeland Security. SEVIS is a centralized and automated web-based information system that manages and maintains data on international students and exchange

visitors who are studying in the United States and their dependents.

MUIH realizes this is an involved process and provides the SEVIS information and website (www.ice.gov/sevis/) to assist students in learning more about this process.

ENGLISH LANGUAGE PROFICIENCY REQUIREMENT

Students attending MUIH participate in rigorous graduate coursework. Their university educational experience requires not only the ability to comprehend, read, speak, and write English, but also the specific ability to understand the nuances of the language and programs. This level of proficiency is greater than that required for daily living. For this reason, MUIH has established a specific standard for English proficiency for graduate admission. The requirements stated below are to ensure a student's ability to participate fully in academic programs, and to meet the degree requirements and outcomes for the specific program.

All graduate programs require applicants to meet the English proficiency standard. Applicants who have earned an associate's, bachelor's, master's, or doctoral degree from a regionally accredited university in the United States, Canada (excluding province of Quebec), United Kingdom, Ireland, Australia, and New Zealand are considered to have met that standard.

Applicants who have earned degrees with English as the primary language of instruction may also satisfy the English language requirement. This must be confirmed by the credit evaluation service used by the applicant when having their degree(s) evaluated.

All other applicants are required to take an English proficiency

examination and meet minimum scores set by MUIH in order to be considered for admission. The Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) can be used to meet this requirement.

Decisions regarding English proficiency are at the discretion of the Graduate Admissions Office and the Academic Department. Listed below are the minimum scores necessary for admission:

■ TOEFL and IELTS Score

Minimums

TOEFL IBT 71 points*

TOEFL PBT 527 points

IELTS 6.0

**Minimum Speaking Exam score of 26 and minimum Listening Exam score of 22*

All English proficiency scores are valid for two years from the test date. Official test scores must be provided directly from the testing agency. Please make sure test scores are sent directly to the Graduate Admissions Office.

■ Test of English as a Foreign Language (TOEFL)

www.ets.org/toefl

■ International English Language Testing System (IELTS)

www.ielts.org

Institution Code: 8400

COURSES FOR ADVANCED SPECIAL STANDING

The Courses for Advanced Special Standing (CASS) are designed for individuals who would like to take a few courses and are not ready to enroll in an academic degree program. See Section 17 for specific course offerings.

An individual may complete a maximum of nine credits of Courses for Advanced Special Standing. Upon completion of nine credits, the individual must either be admitted as a degree-seeking student at MUIH, or submit a letter of request to the Graduate Admissions Office to continue enrolling in individual courses along with the reasons for continuing in this status.

The Courses for Advanced Special Standings application and accompanying documents must be submitted and approved by the Graduate Admissions Office by the desired trimester's application deadline. Registering as part of the Courses for Advanced Special Standing is subject to enrollment limits in the desired courses. Priority in the registration process will be given to MUIH degree-seeking students.

ADMISSIONS RECORDS RETENTION POLICY

All records, including academic records from other institutions, submitted to MUIH become part of the official file and can neither be returned nor duplicated for any purpose. It is recommended that individuals retain an additional copy of their official credentials to keep in their possession for all other personal requirements.

All admissions documentation and the application data of applicants who enroll will be retained onsite for a maximum of seven years, or until the enrolled student graduates. At that time, the admissions documentation and application data will be stored offsite for a maximum of three years and then destroyed.

In the following cases, all admission documentation and applicant data will be retained for 12 months, and then destroyed:

- Applicants who do not register for courses at the time for which they have been admitted
- Applicants whose applications have been denied
- Applicants who do not respond to the Graduate Admissions Office's requests for additional information
- Applicants who defer and do not start class on the selected defer-to date
- Applicants whose applications are incomplete

TUITION AND FEES

APPLICATION FEE

- Doctoral degrees, before the priority deadline: **\$175**
- Doctoral degrees, after the priority deadline: **\$225**
- Master's degrees, before the priority deadline: **\$95**
- Master's degrees, after the priority deadline: **\$150**
- Academic Certificates: **\$65**
- Re-application fee for all programs: **\$50**

(For MUIH graduates and previous applicants of academic certificate and degree programs only)

- Transfer fee for all programs: **\$25**
(For current MUIH students transferring from one certificate or degree program to another)

TUITION DEPOSIT

An individual accepted into one of MUIH's academic programs will be billed a non-refundable tuition deposit. This fee holds a seat in the class for which the applicant has been accepted and will be applied to tuition upon matriculation. This fee is due upon acceptance and may be paid by cash, check, credit card, or financial aid if the applicant qualifies. If a tuition deposit is paid and the student does not begin classes, the deposit can be applied to any future enrollment, for that student only, within two years of the intended initial program start date.

The following deposit fees apply:

- Doctoral degrees: **\$1000**
- Master of Acupuncture and Master of Oriental Medicine: **\$1000**
- Master's degrees, except Acupuncture and Oriental Medicine: **\$750**
- Post-Baccalaureate and Post-Master's Certificates: **\$500**

TUITION

Tuition rates vary by program. For current tuition rates and applicable fees, contact the Graduate Admissions Office or visit Tuition & Fees in the Admissions section at www.muih.edu.

COSTS NOT COVERED IN TUITION

Tuition does not cover the cost of books and materials. Please note that the costs associated with books and materials will vary by individual and program. Many choose to borrow or rent rather than buy some of the required and recommended texts. In addition, all programs require students to have computer and Internet access, which is not covered by tuition. The minimum technical requirements for Canvas and online courses at MUIH are defined at www.muih.edu/academics/online-learning/technical-requirements.

ACUPUNCTURE AND ORIENTAL MEDICINE

Required materials for all master's and doctoral programs include: a long, white, polyester-cotton examination coat; a sphygmomanometer (blood pressure cuff) and stethoscope; disposable acupuncture needles and moxa (to be purchased before entering Level III); and regular (e.g. seasonally, five times a year minimum) acupuncture treatments. Should students choose to take the National Certification Commission for Acupuncture and Oriental Medicine exam, they are responsible for the associated costs.

CHINESE HERBS

Students may elect to purchase sample herbs for their learning. Health and Wellness Coaching

Should students choose to pursue International Coach Federation membership, conferences/meetings, and/or individual credentialing, they are responsible for the associated costs.

HEALTH PROMOTION

Should students pursue the Certified Health Education Specialist (CHES) designation via the CHES exam, they are responsible for the associated costs.

NUTRITION AND INTEGRATIVE HEALTH

Required materials include a cutting board, apron, and two high-quality knives. Other additional costs include transport to cooking classes (if taken face to face), completion of the ServSafe™ Online Manager Program from the National Restaurant Association, and three nutritional counseling sessions with an MUIH-approved nutrition practitioner. Individual consultation fees will vary. Should students choose to take any certifying exams, they are responsible for the associated costs.

THERAPEUTIC HERBALISM

There are additional costs associated with (1) two optional out-of-state field trips (i.e., transportation, food, and lodging, as applicable); (2) herb kit fees for several required courses in the Therapeutic Herbalism program; and (3) transportation, food and lodging costs associated with required attendance for an onsite course in each area of concentration.

YOGA THERAPY

Required materials include a yoga mat, two yoga blocks (3.5" or 4" either foam or cork), two 8' yoga straps, one bolster, and two yoga blankets.

HEALTH, TRAINING AND OTHER REQUIREMENTS

Students in programs with clinical or practicum experiences may have health, training, and other requirements to participate in those components of their program.

ON CAMPUS REQUIREMENTS

All students are required to take annual training around Title IX, Campus SaVE, the Violence Against Women Act and related topics. Training is provided free to students by the University, and links to or information regarding training will be delivered to all students via their MUIH email address.

Students in programs with on-campus work and clinical experiences are required to take the University's Bloodborne Pathogens class, provided free by the University. In addition, students in these

programs will receive information sheets about Hepatitis B and/or Tuberculosis, and be required to sign an acknowledgement form. Testing is voluntary and at the student's expense.

Students will be contacted by their academic department or the Compliance and Risk Manager regarding these requirements and their completion. For more information about specific requirements, please view the Health & Training Requirements for Staff, Faculty, Students, Licensees, and Contractors Standards and Practices, or contact the Compliance and Risk Manager.

OFF CAMPUS REQUIREMENTS

Students who participate in off-campus practicum and/or clinical

experiences may need to complete the above listed health and training requirements and other health and training requirements dictated by off-campus sites. A practicum or clinical site may also require students to complete the site's own Bloodborne Pathogens training course even if a student has completed the training at MUIH. Off-campus sites may also require students to complete a background check.

Students must check with the MUIH coordinator for off-campus sites in their respective program to ensure that all requirements are met prior to beginning their practicum or clinical experience. Students enrolled in off-campus practicum and/or clinical experiences may have additional health and training requirements dictated by the external site.

FINANCIAL AID

The Financial Aid Office is committed to helping current and prospective students with the processes and procedures associated with using financial aid while enrolled. Its approach is individualized, proactive, and responsive to each student's specific needs.

ELIGIBILITY REQUIREMENTS FOR FINANCIAL AID

To qualify for federal financial aid* a student must:

- Be a U.S. Citizen or eligible non-citizen
- Be currently enrolled for at least three credits/half-time within an eligible degree or certificate program
- Have a high school diploma, GED, or equivalent
- Not be in default on any student loans or owe a refund on any grant under the Title IV federal student aid programs
- Be registered with Selective Service, if a male between the ages of 18-25
- Not be ineligible due to drug conviction
- Not have borrowed in excess of the annual or aggregate Direct Federal Stafford Loan limits
- Maintain Satisfactory Academic Progress (see Student Handbook)

**Scholarship and Alternative Loan programs may have different requirements.*

HOW TO APPLY FOR FEDERAL FINANCIAL AID

To apply for financial aid, students must complete the Free Application for Federal Student Aid (FAFSA) online at www.fafsa.ed.gov. Students will create an FSA ID, which gives access to Federal Student Aid's online systems and can serve as a legal signature.

Materials required to complete the FAFSA include federal tax returns, Social Security number, bank statements, investment records, and MUIH's school code (G25784).

Once students' FAFSAs are processed by the Department of Education, they will receive a Student Aid Report (SAR) that will indicate their expected family contribution (EFC). The EFC is used to determine whether a student qualifies for need-based aid. This is determined by subtracting the EFC from the Cost of Attendance (COA). The COA is an estimate of expenses that includes tuition and fees, books and supplies, transportation, room and board and personal expenses for the student's period of enrollment.

Once the Financial Aid Office receives a student's SAR from the Department of Education, an award offer will be emailed indicating the types and amounts of financial aid for which the student qualifies. Students will need to accept or decline the award offer and submit it to the Financial Aid Office.

If a student is selected for verification by the Department of Education or if data on the SAR is incomplete or conflicting, the student will be asked to submit documentation required to complete the verification process.

Financial aid funds are usually disbursed at the beginning of each trimester. Financial aid funds in excess of tuition and fees will be mailed, by check, to the student within 14 days of disbursement if the student is eligible. The student has the right to cancel all or a portion of his or her loan in writing to the Financial Aid Office.

LOANS FEDERAL DIRECT STAFFORD UNSUBSIDIZED LOANS

The Federal Direct Stafford Unsubsidized Loan is a non-need-based loan. If students qualify for an unsubsidized loan, they can receive up to \$20,500 per year. They will be charged interest from the time the loan is disbursed until it is paid in full. Students can choose to pay the interest while they are in school, or have the interest added to the principal of the loan. Published current interest rates are available online at www.studentaid.ed.gov. Repayment of the Federal Direct Stafford Unsubsidized Loan begins six months after the last date of attendance, or when student enrollment status drops to less than half time. Students who have prior loans that are in repayment may be eligible for an in-school deferment. Students should contact their prior lender to verify eligibility.

FEDERAL DIRECT GRADUATE PLUS LOAN

The Federal Direct Graduate PLUS Loan is a non-need-based loan, which requires a credit check by the lender before approval to determine whether the student has an adverse credit history. The Federal Direct Graduate PLUS Loan allows students to receive funding up to the cost of enrollment, minus other financial aid students receive. Students should therefore apply for their annual Stafford Loan maximum eligibility

before applying for the Federal Direct Graduate PLUS Loan. Published current interest rates are available online at www.studentaid.ed.gov. Interest begins to accumulate on the date of the first disbursement, and repayment begins six months after a student graduates or when the student's enrollment status drops to less than half time. Lenders may offer deferment and/or forbearance repayment options. Interested students should contact the federal government for details.

ALTERNATIVE LOANS

Alternative loans are available to students who need additional assistance with their educational expenses or do not qualify for Stafford loan funds. With an alternative loan, a student can receive up to the cost of attendance, less other financial aid.

INSTITUTIONAL SCHOLARSHIPS APPLICATION PROCEDURE

Eligible students who are interested in applying for one of the following scholarships must submit an application essay online to the chair of the Scholarship Review and Selection Committee.

The online institutional scholarships application may be accessed at www.muih.edu/admissions/financial-aid/institutional-scholarships.

The application essay should address the following questions:

- Why are you deserving of the scholarship(s)? Please include any examples of how a scholarship would be helpful to you in the upcoming trimester or year.
- What are your unique skills and interests that embody the University's values and mission?
- How do you intend to use your education upon graduating from

your program? What service(s) do you plan to bring the world resulting from your studies?

- What inspired you to begin a course of studies at MUIH? Does it relate to your background or experience?

A single application essay of no more than two pages may be used to apply for any number of institutional scholarships for which a student believes they are eligible. Individual scholarships may have additional eligibility requirements and criteria as indicated below.

Scholarships are not currently available for academic programs beginning in the summer trimester. Students beginning programs in the summer trimester may submit applications for fall or spring scholarships. Scholarship applications are accepted during the following timeframes:

- **Fall trimester:** April 1 – August 1
- **Spring trimester:** September 1 – December 1

Final awarding of the scholarship to a new student is contingent on the student's acceptance into one of MUIH's academic programs. Awardees will be notified in writing.

MARYLAND UNIVERSITY OF INTEGRATIVE HEALTH DIVERSITY GRANT

Candidates for the Maryland University of Integrative Health Diversity Grant must be from the following underrepresented racial/ethnic or gender minorities:

- Black or African American
- Native American or Alaska Native
- Hispanic or Latino
- Pacific Islander
- Asian
- LGBTQ or Gender Non-Conforming

THE DEBORA A. MAHAN & CHARLES D. HOCK SCHOLARSHIP

Candidates for the Debora A. Mahan & Charles D. Hock Scholarship must meet the following criteria:

- Demonstrate financial need.
- Have a current processed Free Application for Federal Student Aid (FAFSA) on file with the Financial Aid Office at the time of application.
- Meet satisfactory academic progress requirements; be in good standing as defined by the University's academic policy.
- Be enrolled as a student in one of the doctoral degree, master's degree, post-master's certificate, or post-baccalaureate certificate programs.

SHERMAN L. & LUCY DIAZ COHN SCHOLARSHIP

Candidates for the Sherman L. & Lucy Diaz Cohn Scholarship must meet the following criteria:

- Demonstrate financial need.
- Have a current processed Free Application for Federal Student Aid (FAFSA) on file with the Financial Aid Office at the time of application.
- Meet satisfactory academic progress requirements; be in good standing as defined by the University's academic policy.
- Be enrolled as a student in one of the doctoral degree, master's degree, post-master's certificate, or post-baccalaureate certificate programs.

HELEN M. & ANNETTA E. HIMMELFARB SCHOLARSHIP

Candidates for the Helen M. & Annetta E. Himmelfarb Scholarship must meet the following criteria:

- Demonstrate financial need.
- Have a current processed Free Application for Federal Student Aid (FAFSA) on file with the financial aid office at the time of application.
- Meet satisfactory academic progress requirements, and be in good standing as defined by the

University's academic policy.

- Be enrolled full-time in the Master of Acupuncture, Master of Oriental Medicine, Doctor of Acupuncture, or Doctor of Oriental Medicine program.

THE JO ANN BARLOW SCHOLARSHIP

Candidates for the Jo Ann Barlow Scholarship must meet the following criteria:

- Demonstrate financial need.
- Have a current processed Free Application for Federal Student Aid (FAFSA) on file with the financial aid office at the time of application.
- Meet satisfactory academic progress requirements, and be in good standing as defined by the University's academic policy.
- Be enrolled as a student in one of the doctoral degree, master's degree, post-master's certificate, or post-baccalaureate certificate programs.

THE LESLIE MONTGOMERY MEMORIAL ENDOWMENT

Candidates for the Leslie Montgomery Memorial Endowment must meet the following criteria:

- Demonstrate financial need.
- Have a current processed Free Application for Federal Student Aid (FAFSA) on file with the financial aid office at the time of application.
- Meet satisfactory academic progress requirements and be in good standing as defined by the University's academic policy.
- Be enrolled as a degree-seeking student in the Master of Acupuncture, Master of Oriental Medicine, Doctor of Acupuncture, or Doctor of Oriental Medicine program.

THE EDITH OLSON RANGE SCHOLARSHIP FUND

Candidates for the Edith Olson Range Scholarship Fund must meet the following criteria:

- Demonstrate financial need.

- Have a current processed Free Application for Federal Student Aid (FAFSA) on file with the financial aid office at the time of application.
- Meet satisfactory academic progress requirements and be in good standing as defined by the University's academic policy.
- Have a nursing degree from Johns Hopkins School of Nursing or be a current student at the Johns Hopkins School of Nursing.
- Be enrolled as a student in one of the doctoral degree, master's degree, post-master's certificate, or post-baccalaureate certificate programs.

MICHAEL MOORE HERBAL SCHOLARSHIP

Candidates for the Michael Moore Herbal Scholarship must meet the following criteria:

- Demonstrate financial need.
- Have a current processed Free Application for Federal Student Aid (FAFSA) on file with the financial aid office at the time of application.
- Meet satisfactory academic progress requirements, and be in good standing as defined by the University's academic policy.
- Be enrolled in the Master of Science in Therapeutic Herbalism or the Post-Master's Certificate in Clinical Herbalism.

MARYLAND STATE SCHOLARSHIPS

Maryland State Scholarships are available to individuals who have been Maryland residents for a minimum of one year. To apply, students should complete the Free Application for Federal Student Aid (FAFSA) before March 1 of each year and apply for the scholarship at mdcaps.mhec.state.md.us/ MDCAPS. Recipients will be notified by the Maryland Higher Education Commission.

OUTSIDE SCHOLARSHIPS

Outside Scholarships are financial aid funds awarded through outside agencies to assist students with their educational expenses. Contact the Financial Aid Office or visit www.muih.edu/admissions/financial-aid for a list of scholarship websites.

RETURN OF FEDERAL FUNDS

If a student withdraws, drops out, is dismissed, or takes a leave of absence prior to completing more than 60 percent of a trimester or period of enrollment, MUIH is required to return federal funds disbursed and not earned by the student to the lender no later than 45 days after the effective date of the student's termination of enrollment.

The amount to be returned will be calculated as follows:

$$\text{Percentage of earned aid} = \frac{\text{Number of days completed up to the withdrawal date}}{\text{Total days in the payment period or term}}$$

Any break of five days or more is not counted as part of the days in the term.

Funds to be returned = (Aid that could not be disbursed - Percentage of earned aid) x Total amount of aid that could have been disbursed during the payment period or term

Funds will be returned to the lender in the following order:

- Federal Unsubsidized Stafford Loans
- Federal Subsidized Stafford Loans
- Federal Graduate (PLUS) Loans

Any balance remaining on the student's account once funds are returned to the lender will be promptly due to MUIH.

VETERANS BENEFITS

Students attending MUIH and receiving Veterans Benefits must be aware of the following:

- Students are expected to pursue degree programs, or approved post-baccalaureate certificate or post-master's certificate programs, at the University in order to utilize Department of Veterans Affairs (DVA) benefits.
- Students must achieve satisfactory academic progress toward degree or program completion.
- Students must report changes in enrollment including drops, adds, withdrawals, changes to audit, and changes to educational objectives to the Office of the Registrar as well as the DVA.
- Students who register for courses and do not attend without officially withdrawing/dropping are misusing federal funds.
- Audited and non-credit-bearing courses are ineligible for DVA funding.
- Courses that do not apply to specific program requirements are ineligible for DVA funding. The School Certifying Official will verify that each enrolled course satisfies a program requirement prior to DVA certification.
- Students who wish to receive veterans benefits must also notify the Office of the Registrar in writing one month prior to the intended start date of every trimester of enrollment.

For further information, please visit the veterans benefit website at www.va.gov or call 1-888-442-4551.

To review the frequently asked questions for MUIH students receiving military benefits, visit www.muih.edu/admissions/financial-aid/veterans-benefits.

TRANSFER AND EXEMPTION POLICY

TRANSFER CREDIT POLICY

PURPOSE

The purpose of this policy is to outline the University's acceptance of transfer credits and course exemptions.

POLICY

Transfer credits may be considered for individual courses in cases where a student has taken graduate-level coursework that meets the same course outcomes as the comparable course at Maryland University of Integrative Health (MUIH). Transfer of credit is based on one-to-one academic course equivalency between schools. Only graduate-level coursework is eligible for transfer credit consideration.

Course exemptions may be considered in cases where a student has prior academic experience and learning in the subject that meets the outcomes of a particular course. Exemption of courses is based on the demonstrated achievement of course learning outcomes through mechanisms other than one-to-one course equivalency. With the exception of a few pre-approved courses (list maintained by the Registrar's Office), supporting evidence for course exemption must include completed graduate-level coursework (or undergraduate coursework in the case of 500-level MUIH courses) relevant to the subject matter. This coursework may be supplemented by documented evidence of professional trainings, certifications, and licenses.

Students may apply for transfer credits or course exemptions as part of their master's degree or post-baccalaureate/post-master's

certificate. The maximum number of credits for which course exemptions and transfers may be granted is 35% of the total credits for the Acupuncture and Oriental Medicine programs, 25% of the total credits of all other master's degree programs, and up to three (3) credits in post-baccalaureate and post-master's certificates. The limit for exempted 500-level courses is six (6) credits.

Up to six (6) credits may be applied to a post-master's doctoral program at MUIH from another post-master's doctoral program in which the student has been previously matriculated.

PROCEDURES

Transfer Credits

Students interested in transfer of credit must submit a Transfer Credit and Course Exemption Worksheet to the Registrar's Office (current students) or the Graduate Admissions Office (applicants) along with official documentation. Official documentation includes official transcript(s) and a syllabus for each course under review from the previous school(s).

To guarantee timely processing, the application and documentation for transfer credit must be submitted by the following deadlines: November 15 for consideration for spring trimester or later; March 15 for consideration for summer trimester or later; and July 15 for consideration for fall trimester or later.

An earned grade of 80% or equivalent is required for the course to be considered for transfer. Courses taken more than seven (7) years prior to enrollment are not eligible for transfer credit, however students may apply for course exemptions.

Students should apply for transfer review during the application process. If a student applies after acceptance into a program and after the admissions process is complete, the Registrar's Office will oversee the process.

The Department Chair or subject-matter expert will determine Course Equivalency using a rubric approved by the University Curriculum Committee.

Students will receive notice of award of transfer credits from the Graduate Admissions Office or, if approved at a later date, from the Registrar's Office. Upon approval, course credits without the grades are transferred to the MUIH transcript.

COURSE EXEMPTIONS

Students interested in course exemptions must submit a Transfer Credit and Course Exemption Worksheet to the Registrar's Office (current students) or the Graduate Admissions Office (applicants) along with official documentation. Official documentation includes official transcript(s), a syllabus for each course under review from the previous school(s), and additional materials such as copies of professional trainings, certificates, and/or licenses. A payment of \$75 per credit must accompany the Transfer Credit and Course Exemption Worksheet. This payment also covers any additional exemption exam requirements.

To guarantee timely processing, the application and documentation for transfer credit must be submitted by the following deadlines: November 15 for consideration for spring trimester or later; March 15 for consideration

for summer trimester or later; and July 15 for consideration for fall trimester or later.

An earned grade of 80% or equivalent is required for coursework being used as evidence for course exemption. Syllabi may be supplemented by documentation of relevant professional trainings, certifications and licenses. In the case of MUIH 500-level courses, relevant undergraduate coursework and syllabi will be considered as evidence for exemption. In the case of MUIH 600-level or above courses, only graduate coursework and syllabi will be considered as evidence for exemption. This coursework may be supplemented by documented

evidence of professional trainings, certifications, and/or licenses.

Students should apply for course exemption review during the application process. If a student applies after acceptance into a program and after the admissions process is complete, the Registrar's Office will oversee the process including final notice to the student.

The Department Chair or subject-matter expert will determine Course Exemption using a rubric approved by the University Curriculum Committee. If the review of the student's material does not yield a clear decision, an exam or other form of assessment will be required

to qualify for exemption. If an exam is required, arrangements for taking the exam must be made through the Registrar's Office, which will schedule the exam with the Department Chair. The Registrar's Office will notify the student of the outcome of the exam.

Students will receive notice of award of course exemption from the Graduate Admissions Office or, if approved at a later date, from the Registrar's Office. Upon approval, course credits without the grades are applied to the MUIH transcript.

ACADEMIC ENROLLMENT POLICIES

ATTENDANCE AND PARTICIPATION STANDARD

This policy outlines the University's standards for attendance and participation in academic courses.

Course attendance requirements are designated by faculty members and vary depending on course content, learning outcomes, and assignments. Students should consult the "Course Policies" section of the syllabus for details.

ONLINE COURSES

Students are required to participate in online courses to remain enrolled in the course. Participation requires active, consistent, and timely engagement in the online course and is measured by submitting assignments, taking quizzes

and exams, completing online activities, and participating in online discussions. As a general rule, students should expect to spend a total of 45 hours of time per credit over the course of the trimester. For example, in a two-credit course that is ten weeks long, students should expect to spend a minimum of nine hours per week engaging in the modules and work that accompanies the course.

FACE-TO-FACE COURSES

While attendance requirements may vary, all students must participate in required learning activities and assessments. Participation requires active, consistent, and timely engagement and is measured by submitting assignments, taking quizzes and exams, completing required activities, and participating

in required discussions. The in-classroom and out of classroom hours vary for face-to-face courses depending on the type of course (e.g., didactic vs. lab) and whether the course is in an intensive or trimester-long format. As with online courses, student should expect to spend a total of 45 hours of time per credit over the course of the trimester. This includes hours inside the classroom and hours working outside of the classroom (reading, reviewing notes, completing assignments, etc.)

SATISFACTORY ACADEMIC PROGRESS (SAP) PURPOSE

This policy outlines qualitative and quantitative standards for satisfactory academic progress (SAP)

at Maryland University of Integrative Health (MUIH). The policy also details academic and financial aid consequences of failure to maintain SAP status.

POLICY

MUIH, in accordance with Federal Title IV Student Financial Aid regulations, established guidelines for all students regarding Satisfactory Academic Progress (SAP). Student progress will be monitored from the first trimester of their enrollment in each program, to ensure minimum SAP requirements are met in order to maintain financial aid eligibility. Students who do not meet SAP requirements may lose their eligibility to receive financial aid and may result in the requirement for recipients of financial aid to repay all or some of the aid they received. The Federal Financial Aid requirements on SAP have two components: (1) a qualitative measure, and (2) a quantitative measure.

It is important to note that separate from the policy outlined herein for financial aid purposes, the Academic Affairs Office conducts reviews of student academic performance in accordance with MUIH standards. Refer to the information below or the Academic Catalog for details about academic performance standards and related sanctions.

Since MUIH does not use a traditional GPA model, the University will measure the percentage of successfully completed courses to the total number of courses attempted by the student to comply with the qualitative measure.

All communications from the University regarding SAP will be made electronically, unless otherwise noted.

Satisfactory Academic Progress (SAP) Requirements

The following requirements are necessary in order to maintain SAP:

- Maintain a successful course completion rate of at least 50% (calculation based upon credit count);
- Maintain the necessary pace for completion within the Maximum Time Frame (MTF); and,
- Meet student specific requirements set forth by the Academic Department, the Financial Aid Office, and an Academic Advisor (when applicable)

Qualitative Measure – Successful Course Completion Rate

(UPDATE FALL 2018: STUDENTS IN THE DOCTOR OF CLINICAL NUTRITION PROGRAM SHOULD CONSULT ADDENDUM 1 AT THE BOTTOM OF THIS POLICY FOR ADDITIONAL QUALITATIVE MEASURES THAT CAN IMPACT THEIR SAP STATUS)

Students must maintain a cumulative successful course completion rate (i.e., a Pass rate) of at least 50%. This calculation is based on cumulative credit totals (not individual terms or courses), and includes all grades, including Pass (“P”), Fail (“F”), Incomplete (“I”), Remediated (“R”), and Withdrawal (“W”). This calculation will be completed for students enrolled in multiple programs, independently.

- Example of successful completion rate: A student is enrolled in and has completed 9 credits this trimester. The student has already completed 6 credits, with “P” grades during the prior term. At the end of this term, when all grades have been submitted, the student has the following grades: 3 credit course = P; .50 credit course = F; .50 credit course = I; 3 credit course = W; 2 credit course = P. By definition, all credits are

counted in the calculation and the student has successfully completed 11 credits, and has attempted 15 credits in total. The successful course completion rate = 11/15 or 73%. This student is meeting the qualitative factor for SAP.

Students are not required to retake failed or withdrawn elective courses (unless no other option exists) for successful completion, and instead may satisfy SAP requirements by completing any approved elective course. Elective courses, passed or failed, will be considered and accounted for during the Financial Aid and Academic review for SAP.

Quantitative Measure – Pace

This measure assesses the pace at which a student progresses toward attainment of their degree. The calculation to determine pace is done by testing the student against pre-determined progression benchmarks at the end of the terms referenced below. These benchmarks are designed to assess whether or not a student will be able to complete their program of study within the Maximum Time Frame (MTF) for completion as defined by MUIH.

The chart below outlines the appropriate pace of completion by trimester, based on a larger percentage of courses due to be successfully completed later in the program. The MTF is calculated from the first trimester of a student’s enrollment and all trimesters are counted even if a student is not taking any courses or is on a leave of absence. Therefore, pace is calculated in reference to all terms enrolled, regardless of activity (or non-activity). Any break in a student’s enrollment, except total program withdrawal, will be included in the calculation of pace.

Degree Type	Trimesters 3-5	Trimesters 6-8	Trimesters 9-11	Trimesters 12-14	Trimesters 15-17	Trimesters 18-20	Trimester 21
Post-Baccalaureate							
Certificate	25%	50%	MTF				
Master's Degree	10%	25%	50%	75%	MTF		
Post-Masters							
Certificate	25%	50%	MTF				
Doctoral							
Degree	10%	25%	50%	50%	75%	85%	MTF

- **Example of Appropriate Pace:** A student who is enrolled in a Post Masters Certificate at the end of their third trimester has taken and passed 6 credits of course work, and has also transferred in 3 credits. The program is 12 credits in total. The calculation of pace is as follows: 12 total program credits divided by 9 successfully completed credits, equals 75% completion. Because the minimum expectation of pace is to have completed 25% of courses at that time, the student is maintaining a successful pace to complete the program within the MTF.

A student is ineligible for federal and state financial aid, and no appeal will be considered, when it becomes mathematically impossible to complete the program within the MTF (inclusive of a one-year extension, if granted). See table below.

Quantitative Measure – Maximum Time Frame (MTF)

Federal law requires that an SAP policy include a Maximum Time Frame (MTF) in which a student receiving federal financial aid must complete their educational program. The MTF for a graduate program at MUIH may be no longer than the maximum number of years allowed by Maryland state law. If a student completes one degree and decides to pursue a second degree, the MTF would reset. The MTF is calculated from the first trimester of a student's enrollment and all trimesters are

counted even if a student is not taking any courses or is on a leave of absence.

Credits counted in the MTF are all attempted credits within a student's specific program at MUIH (even when not a financial aid recipient) and all transfer credits accepted toward their academic program (at the time of SAP Review). At the point that all required coursework for an academic program is completed, financial aid eligibility will be suspended even if the student does not apply to graduate.

The MTF to be eligible for merit-based and need-based funding is:

Degree Type	Maximum Time Frame
Post-Baccalaureate	
Certificate	9 trimesters
Master's Degree	15 trimesters
Post-Masters	
Certificate	9 trimesters
Doctoral Degree	21 trimesters

With respect to the MTF, all degree seeking students have the ability to apply, and if approved, be granted an additional year of eligibility to complete their program of study.

PROCEDURES

Failure to Meet SAP Requirements for Academic Purposes

The Academic Affairs Office through each Academic Advisor will conduct a Satisfactory Academic Progress review for all students at the completion of each trimester. The review will not occur until the

submission of all grades for a student. Since this review cannot be completed before the submission of all grades for a student in each trimester and due to the nature of MUIH's course structure, students may be notified and removed from a course after the course has begun.

(UPDATE FALL 2018: STUDENTS IN THE DOCTOR OF CLINICAL NUTRITION PROGRAM SHOULD CONSULT ADDENDUM 1 AT THE BOTTOM OF THIS POLICY FOR ADDITIONAL CRITERIA THAT CAN LEAD TO FAILURE TO MEET SAP REQUIREMENTS AND ACADEMIC PROBATION, ACADEMIC JEOPARDY, OR ACADEMIC DISMISSAL)

Academic Probation

Students will be placed on Academic Probation:

- When they fall below a cumulative 50% successful course completion rate (in courses attempted).
- When they are not maintaining an appropriate pace as defined by the benchmarks noted in the quantitative measure of SAP.

Academic Jeopardy

Students will be placed on Academic Jeopardy:

- When they fail to increase their cumulative successful completion rate above 50% for two consecutive trimesters.
 - Future student registration will be held until the student has met with their Academic Advisor.
 - A plan to improve successful completion rate will be documented with each student.

- When they are not maintaining an appropriate pace as defined by the benchmarks noted in the quantitative measure of SAP for two consecutive trimesters.

Academic Dismissal

Students will be Academically Dismissed:

- When they fail to increase their cumulative successful completion rate above 50%, or they have failed to meet the appropriate pace benchmark after three consecutive trimesters of being on either Academic Probation or Academic Jeopardy.

Failure to Meet SAP Requirements for Financial Aid Purposes

Students who are placed under academic sanctions by the Academic Affairs Office are considered to be failing SAP standards. This will trigger the steps listed below and a student may become ineligible for Financial Aid.

The Financial Aid Office, in coordination with the Academic Affairs Office, will review the status of all financial aid applicants at the conclusion of each trimester (summer, fall, and spring), when all grades for a student are available. The review consists of the cumulative record of all prior trimesters (including trimesters when a student may not have received financial aid funding), including transfer credits accepted toward an academic program at the time of the SAP Review. All elements of SAP will be evaluated: successful course completion, pace/progress rate, and Maximum Time Frame.

Financial Aid Warning

If MUIH determines a student is not making SAP, the student is given the status of Financial Aid Warning. During the subsequent trimester, the student will have the opportunity to meet the SAP standards and remain financial aid eligible. If the

standards are met by the end of that trimester, the Financial Aid Warning is lifted and the student maintains eligibility for financial aid. If at the end of the trimester, the student does not meet the SAP standards, the student's eligibility for financial aid is suspended until SAP is met beginning with the next immediate trimester. A student may be placed on Financial Aid Warning multiple times if they have intermittent trimesters of meeting and not meeting SAP requirements.

- Example: A student is not meeting SAP standards upon review of the fall 2015 trimester performance and the student is placed on Financial Aid Warning. At the end of the following trimester, spring 2016, the student is meeting SAP standards and the student maintains eligibility for financial aid. At the end of fall 2016 trimester, however, the student once again has not met SAP standards. The student is again placed on Financial Aid Warning (i.e. the clock re-sets after each trimester of successfully meeting SAP requirements).

Financial Aid Suspension

If a student is not meeting SAP requirements after a trimester of Financial Aid Warning, the student will be notified that eligibility for aid is suspended. In addition, when it becomes mathematically impossible for a student to complete their program within the MTF, financial aid will be suspended. The student may appeal the suspension. The outcome of the appeal will determine whether the student is granted Financial Aid Probation or if the suspension remains in place.

Financial Aid Probation

Financial Aid Probation is a status assigned to a student who has failed to make SAP, was put on Financial Aid Suspension, and then successfully

appealed and has had eligibility for aid reinstated for a defined period of time.

Appeals

Circumstances to appeal a Financial Aid Suspension decision are limited. A student may appeal suspension if the student did not make SAP due to extenuating circumstances (e.g., personal illness, the death of a relative). All circumstances must be documented and approved by the Director of Financial Aid and Chief Financial Officer (CFO).

Appeals must be submitted within seven days of receiving notification of Financial Aid Suspension. Late appeals may be considered, but timely review is not guaranteed before the start of the next trimester.

If a student chooses to appeal the Financial Aid Suspension, they must first meet with their Academic Advisor to create an Academic Plan and then complete a Financial Aid Satisfactory Academic Progress Appeal Agreement with the Director of Financial Aid. Students should also submit any documentation that supports the request to the Director of Financial Aid. This process must be completed each trimester they are assigned this status. The contract is individualized and includes the agreed upon Academic Plan.

The Director of Financial Aid and the CFO will review the appeal and may uphold the suspension, approve the appeal, or require additional information prior to making a decision:

- If the Director of Financial Aid and CFO determine the appeal cannot be approved, the suspension remains in place and financial aid eligibility remains suspended.
- If the Director of Financial Aid and CFO determine the appeal is sufficient and the student should be able to achieve SAP by the end of

their next trimester of enrollment and/or the student is taking sufficient credits to graduate prior to exceeding the MTF, the student will be placed on Financial Aid Probation for one trimester. At the end of the trimester of Financial Aid Probation, the student's performance will be reviewed. If SAP requirements have been met, the student regains financial aid eligibility. If SAP requirements have not been met, the student's eligibility for financial aid is again suspended beginning with the next immediate trimester until SAP is met.

- If placed on Financial Aid Probation, the student's performance will continue to be monitored every trimester. An Academic Plan will have specific goals for a student to achieve each trimester of Financial Aid Probation and even if the goals are met early, the student continues on Financial Aid Probation until the end of the trimester. If a student does not meet the specific goals of the Academic Plan, the student's eligibility for financial aid is suspended beginning with the next immediate trimester, and until SAP is met.

Academic Plan

An Academic Plan is a course of action that, if achieved, will ensure that the student is able to meet the SAP standards by a specific point in time. An Academic Plan may include guidance provided by the student's Academic Advisor with suggestions for shifts in time management and prioritization of schoolwork.

Regaining Financial Aid Eligibility

If an appeal is denied, a student may regain financial aid eligibility by completing a specified number of credit hours (as determined by the Academic Advisor) without the benefit of federal or state aid, by

restoring good academic standing with the University, and by meeting SAP standards. If those conditions are met, a student will be considered eligible for federal and/or state financial aid.

If a student has successfully appealed Financial Aid Suspension and is placed on Financial Aid Probation but fails to meet the requirements of the Financial Aid Probation contract/Academic Plan, the student may not appeal again unless:

- the student is granted permission by the Associate Vice President of Enrollment Management, the Director of Financial Aid, and the Academic Department Chair to continue in the program; and
- the student is able to attend without receiving federal, state, or institutional financial aid and meet SAP and University academic standards.

If the above conditions are met, a student must then submit a new appeal to request a review of eligibility for financial aid. Students may not submit two consecutive appeals.

Other Considerations

- Transfer Credits – Courses that are transferred from another institution and accepted toward an academic degree program at the University (at the time of SAP Review) count as attempted and completed hours for the purpose of measuring pace and for Maximum Time Frame (MTF).
- Incomplete Grades – Credit hours in which a student receives a grade "I" are included in the number of attempted credits, but do not count toward successfully completed credits. Students with numerous incompletes may have difficulty meeting the SAP standards at the time of evaluation. SAP will only be re-evaluated at the end of the next trimester.

- Failing Grades – Credit hours in which a student receives a grade "F" are included in the number of attempted credits. Failing grades are not successfully completed credits.
- Withdrawals – Credit hours in which a student receives a grade "W" are included in the number of attempted credits, but don't count towards successfully completed credits.
- Audited Credits – Audited class credits are not considered attempted coursework. A student cannot receive financial aid for audited courses.
- Grade Changes – Students who are on Financial Aid Probation must resolve all incomplete grades before the Financial Aid Office will make a final determination that they meet the SAP guidelines. Students must report any grade changes that impact their financial aid eligibility directly to the Financial Aid Office. Students must notify the Financial Aid Office once their final grades have been posted.

All information presented in this section is subject to change without notice based on changes to federal law, regulation, or University policy and procedure. If changes are made, students are required to abide by the new policy. This policy will be updated as frequently as possible to reflect current standards.

DEFINITIONS

- Academic Plan – a course of action that, if followed, will support a student's ability to meet the SAP standards by a specific point in time. Academic Plans are included in the student's probation contract.
- Academic Program – is the program in which a student plans to attain their degree.
- Audit Courses – courses that do not apply towards degree requirements, and are not taken for earned credit. Audit Courses are ineligible for financial aid.

- Completed Credits – Credits previously earned in the Acupuncture and Oriental Medicine department, toward the completion of a Doctor of Acupuncture/Doctor of Oriental Medicine degree, or pre-requisite/pre-admission course work as a part of the Doctor of Clinical Nutrition program. These credits only apply to the Doctoral Acupuncture and Oriental Medicine (AOM) and Nutrition programs
- Course Withdrawal – the process by which a student discontinues their enrollment in a particular course.
- Exempted Credits – credits awarded to enrolled students in which they have prior experience or learning in a subject (course) that meets the outcomes of a particular MUIH course.
- Financial Aid Probation – a status assigned to a student who has failed to make SAP, has appealed, and had eligibility for aid reinstated for a defined period of time.
- Financial Aid Suspension – results in termination of financial aid eligibility.
- Financial Aid Warning – a status assigned when a student fails to meet SAP requirements for the first time. A student may be assigned a warning status multiple times.
- Remediated Course – a course for which a student previously enrolled, failed, and has successfully completed with a grade of “P”.
- Successful Completion – finishing the courses for which one has subsequently enrolled and with the grade of “P” or “R”.
- Transfer Credits – include all credits earned at other institutions of post-secondary education that are accepted for credit toward completion of program requirements at MUIH.

ADDENDUM 1

The following modifications to the SAP policy will be applied to Doctor of Clinical Nutrition (DCN) students

beginning in the Fall 2018 trimester. These modifications do not apply to grades earned prior to the Fall 2018 trimester. This addendum does not replace any components of the existing policy and students in the DCN program are subject to all the primary policy as well as this addendum. These additional SAP criteria are in place to help maintain appropriate rigor in a post-master’s doctoral program.

- Earning an “F” grade in a DCN course represents a failure to meet SAP requirements for academic and financial aid purposes. Students who receive a first “F” grade will be placed on Academic Probation and Financial Aid Warning.
- To move off Academic Probation, lift the Financial Aid Warning, and return to SAP status, the student must pass all courses in the trimester following an “F” grade.
- If the student does not pass all courses in the trimester following the “F” grade, the consequences are as follows: if the student receives a second “F” grade they meet the criteria for Academic Dismissal and will be dismissed from the program; if the student withdraws from one or more courses they will be placed on Academic Jeopardy. Under Academic Jeopardy, the student may not be eligible for financial aid (See Section 3.2 in the policy above).
- To move off Academic Jeopardy, the student must pass all courses in which they enroll in the following trimester. If the student fails a course or withdraws from any courses while on Academic Jeopardy, the student will meet the criteria for Academic Dismissal and will be dismissed from the program. If the student passes all of their courses during the trimester on Academic Jeopardy, the academic sanction will be lifted and the student will return to SAP status.
- In addition to the above, if at

any point during the program a student earns a second “F” grade, the student will meet the criteria for Academic Dismissal and will be dismissed from the program. Failure to remediate the first earned “F” grade at the first available opportunity, also meets the criteria for Academic Dismissal.

LEAVE OF ABSENCE ELIGIBILITY

Students may take a Leave of Absence (LOA) for up to one full trimester* per academic year (with no consecutive trimesters off), only after approval by the University. A student is eligible to request a LOA if they:

- Have completed one full trimester at MUIH;
- Are in good academic standing as per the Satisfactory Academic Progress policy;
- Are in good financial standing with the University, meaning that they have no unpaid bills for tuition and/or fees;
- Are in good standing with the Library
- Have consulted with someone in the Financial Aid Office, if applicable
- Have no pending disciplinary action and
- Request an LOA by the deadline

If a student is requesting LOA as an accommodation for a disability, the requirements above may not apply.

*Note: “One trimester” is defined as having had one full trimester off, either by requesting the LOA during the schedule adjustment period of that trimester, for a leave immediately, or by requesting LOA for a future full trimester.

DEADLINES FOR REQUESTING A LOA

A student may request a LOA for the current trimester until the end of the schedule adjustment period. Any request for LOA during the schedule

adjustment period of a trimester would be considered a full trimester. The student would be expected to return in the next immediate trimester.

All requests made after the schedule adjustment period will be for a future trimester.

All requests for immediate, emergency-related LOAs or LOAs as an accommodation for a disability that are submitted after the deadline will be reviewed on a case-by-case basis by the Director of Student Affairs. These requests can be submitted on the same form, to the student's Academic Advisor. If a mid-term LOA is approved, all applicable policies including but not limited to refunds will be followed. For example, if a student is enrolled and LOA is approved after the student has completed 50% of each course, the associated refund for withdrawal from those courses at that time will be effective.

Any student who is not eligible for a LOA and who desires to step out of their program must withdraw from their program and reapply later.

PROCESS

The process for seeking approval for a LOA is as follows:

- Students must submit a Leave of Absence Request Form, found at my.muih.edu under Forms & Policies/For
- Students, in writing to their Academic Advisor. The request must include the reason and planned return date from the LOA.
- The student must contact the Financial Aid Office and the Finance Department before the LOA is approved. Taking a LOA may have financial implications (for example, the student may be required to begin paying student loans during the LOA). The Financial Aid Office will inform the student

who requests a LOA regarding the implications of student loan repayment as it applies to their individual federal financial aid. If the student does owe money to the University, they will be required to settle any outstanding charges before approval.

- Note: students requesting LOAs as accommodation for a disability should note this on the request form, as well as follow all procedures in securing accommodations through the Disability Services Policy.

In the event of an emergency making it impossible for the student to submit the request to their Academic Advisor in a timely fashion, the student should call or email the Academic Advisor and follow up with a written formal request for a LOA at their earliest convenience.

Once approved, the LOA will be considered effective as of the first day of the trimester in which the student is requesting leave. Students on LOA are required to adhere to the contract deadlines for submitting incomplete work.

RETURNING FROM A LOA

Upon return from a LOA, the student will remain in the curriculum in which they were originally enrolled per the Academic Catalog in effect at the time of enrollment. The student remains responsible for meeting all the academic requirements of that curriculum. The returning student will be subject to any newly established tuition and fee structures upon returning from the approved LOA.

Students should note that due to the cyclical nature of course offerings, certain courses that are missed during a LOA may not be available for an extended period. This may impact the student's ability to complete the program in an expected time frame. A

LOA does not extend the timeframe for completion of program requirements.

A student who fails to return after an approved LOA will be administratively withdrawn from the program and is required to reapply through the Graduate Admissions Office. Readmission is not guaranteed, except for students who are granted a LOA as a disability accommodation. Students who are re-admitted must meet all of the program requirements in effect at the time of enrollment after being re-admitted.

NON-ATTENDANCE WITH NO FORMAL REQUEST

A student who stops attending courses at MUIH without an approved LOA and without withdrawing will receive the grades they have earned in all registered course(s) and will be withdrawn from their program and the University after one full trimester of inactivity.

Students who are not enrolled in consecutive trimesters (i.e., are not registered for or taking courses towards the completion of their degree program; or are not on approved LOA; or are not finished with a degree program or are pending a graduation audit) become inactive, and will be administratively withdrawn after one trimester of inactivity.

SCHEDULE ADJUSTMENT PERIOD

Students are expected to make all necessary arrangements to prepare and plan for timely registration in each trimester in order to ensure access to courses and academic progress. Consistent standards of registration and approved deadlines have been implemented for three different groups of students:

- Current students who have registered in a previous trimester.
- Early confirmed new students

(students who have confirmed their intent to enroll at MUIH prior to the late confirmation date). The confirmation date can be found on the Academic Calendar for all trimesters.

- **Late confirmed new students** (students who have confirmed their intent to enroll at MUIH after the first day of the late confirmed student registration period and before the end of the admissions confirmation deadline).

There is a planned period of time during which students can continue to adjust and adapt their schedules by adding or dropping courses. The schedule adjustment period runs from the first day (Sunday) of each trimester through Thursday of the first week of the trimester. Late confirmed students may register without penalty through the Schedule Adjustment Period. A fee is assessed to other students who register during the schedule adjustment period as follows:

- **Current students**
\$150 per course
- **Early confirmed students**
\$150 per course

A Registration Guide is available to students before the start of registration for each term. This document outlines the specific applicable dates regarding registration and the fees associated for each group of students. These dates can also be found on the Academic Calendar.

In general, current and early confirmed students are expected to register for courses in advance of the start of each trimester. Current and early confirmed students are given priority registration, beginning on the first day of registration each term. Late confirmed students may register for available courses from their confirmation date through the last day of the Schedule Adjustment Period without incurring fees.

Students who are waitlisted for courses will not incur late fees if a course becomes available after the specified registration period ends.

Census dates each term will be the first Friday of the first week of class.

WITHDRAWAL FROM A PROGRAM

Enrolled students are responsible for initiating the withdrawal process in writing, by completing the program withdrawal form and submitting it to the appropriate Academic Advisor.

Students will be refunded a portion of their tuition if they completely withdraw from the program (as established by the refund schedule). Exceptions to the published refund policy will be considered only when requests are supported by written documentation that indicates compelling justification from an employer, physician, or other authority and clearly documents responsibilities and/or commitments that were not pre-existing at the time of registration, a state of emergency or other grave situation. Exceptions will be reviewed and adjudicated on a case-by-case basis by the MUIH Finance Department, and are not to be interpreted as regular MUIH policy.

A student who withdraws and seeks to return to the institution must contact the Graduate Admissions Office. The reapplying student must fulfill all current admissions and curriculum requirements that are in place upon requesting readmission and pay all fees prior to being considered for readmission. A student may be subject to additional requirements or conditional requirements for reinstatement. Re-acceptance is not guaranteed.

A student wishing to reapply for financial aid must meet with the

Director of Financial Aid. If the student does not submit a written request to the Academic Advisor from the program, an administrative withdrawal may be initiated by the Academic Advisor or the Registrar's Office after one trimester of inactivity.

Involuntary Withdrawal

Subject to the University's duties under the Americans With Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 as amended (as they may be amended from time to time), a student may be asked to withdraw voluntarily or may be administratively withdrawn involuntarily from the University when the student:

- Poses a direct threat to the health or safety of self or others; or
- Has interfered with the rights of other students, faculty, staff, or other members of the educational community or with the exercise of any proper activities, functions, or duties of the University or its personnel, or has repeatedly harassed any member of the University community.

Students who withdraw from the University shall have all unassigned grades (including incompletes) converted to a "W."

ARTICULATION AND AFFILIATION AGREEMENTS

AMERICAN COLLEGE OF HEALTHCARE SCIENCES

American College of Healthcare Sciences (ACHS) and MUIH have entered into an agreement to provide students coming from ACHS with an accelerated pathway to admission and advanced standing with MUIH. Students who have successfully completed the B.S. in Integrative Health Sciences and B.S. in Nutrition degrees at ACHS have been identified to meet the prerequisite requirements of some MUIH programs. In addition, a selected set of ACHS courses have been identified as equivalent to courses at MUIH and eligible for transfer credit and/or course exemption.

The B.S. in Integrative Health Sciences and B.S. in Nutrition degrees at ACHS have been identified to meet the prerequisite requirements of the following MUIH programs: Master of Acupuncture, Master of Oriental Medicine, Master of Arts in Health and Wellness Coaching, Master of Science in Health Promotion, Master of Science in Therapeutic Herbalism (2.5 GPA required), Master of Science in Nutrition and Integrative Health (2.5 GPA required), and Post-Baccalaureate Certificates in various fields. In addition to completion of these ACHS bachelor's degrees, there may be additional requirements for admission to some MUIH programs (<http://www.muih.edu/admissions/admission-requirements>).

The following ACHS courses have been evaluated for equivalency and acceptance for transfer credit and/or exemption at MUIH:

ACHS Course(s)	MUIH Course(s)
CHEM501 General, Organic, and Biochemistry (3cr)	ISCI522 Foundations in Organic Chemistry (3cr)
CHEM502 Principles of Pharmacognosy and Phytochemistry (3cr)	HRB654B Herbal Pharmacology & Phytochemistry II (3cr)
The set of three courses: HERB502 Advanced Herbal Materia Medica I (3cr), HERB503 Advanced Herbal Materia Medica II (3cr), and HERB504 Advanced Herbal Materia Medica III (3cr)	The set of two courses: HRB605 Materia Medical (3cr), and HRB705 Materia Medica II (3cr)
The set of two courses: NAT501 Anatomy and Physiology I (3cr), and NAT502 Anatomy and Physiology II (3cr)	ISCI547a Physiology I: Healthy Function (3cr)
NUT501 Advanced Applied Holistic Nutrition (3cr)	NUTR602 Nutrition: Food and Balance (3cr)
NUT504 Advanced Sports Nutrition (3cr)	NUTR663 Sports Nutrition (1cr)
NUT509 Graduate Topics in Holistic Nutrition (3cr)	3 credits of elective credit in the M.S. Nutrition and Integrative Health program
NUT510 Nutrition and Dietary Supplements (3cr)	3 credits of elective credit in the M.S. Nutrition and Integrative Health program
TOX501 Fundamentals of Toxicology and Safety in Botanical Medicine (3cr)	HRB645 Foundations of Toxicology and Herb-Drug Interactions (3cr)

CENTER FOR MIND-BODY MEDICINE – FOOD AS MEDICINE

Graduates of the Center for Mind-Body Medicine's Food as Medicine program may be eligible for advanced standing (three elective credits) in MUIH's Master of Science in Nutrition and Integrative Health. Candidates for this advanced standing should indicate this in their application essay, and must submit an academic paper on a topic approved by the Academic Director.

FOUNDATION FOR ADVANCED EDUCATION IN THE SCIENCES

Individuals who have completed a particular set of courses at the Foundation for Advanced Education in the Sciences (FAES) at the National Institutes of Health (NIH) may transfer this coursework or be exempt from coursework upon enrolling in a program at MUIH. The following FAES courses have been evaluated for equivalency and acceptance for transfer credit and/or exemption at MUIH:

FAES Course(s)	MUIH Course(s)
BIOC302 Biochemistry II (3 cr)	ISC626 Nutritional Biochemistry (3 cr)
CHEM211 Organic Chemistry I (3 cr) And CHEM212 Organic Chemistry II (3 cr)	ISCI522 Foundations in Organic Chemistry (3 cr)
MEDI217 Human Physiology I (2 cr) And MEDI218 Human Physiology II (2 cr)	ISCI547A Physiology I: Healthy Function (3 cr)
PBHL512 Social and Behavioral Sciences (3 cr)	IHED620 Foundations of Health Behavior Health Education (2 cr)
PBHL518 Introduction to Program Evaluation for Planning, Improvement, and Measurement of Public Health (3 cr)	IHED623 Health Education Program Evaluation (2 cr)
STAT317 Introduction to Epidemiology (3 cr) And STAT500 Statistics for Biomedical Scientists I and II (3 cr)	IHED625 Research Methods in Health Education: Quantitative and Qualitative (3 cr)

GEORGE WASHINGTON UNIVERSITY

MUIH and the George Washington University (GW) School of Medicine and Health Sciences (SMHS) have signed an agreement that facilitates the admission of certain GW students to MUIH. Graduates of the GW SMHS B.S. in Health Sciences Clinical Research Administration, Clinical Management and Leadership, and Clinical Health Sciences programs with a cumulative GPA of 3.0 are guaranteed admission and may seek advanced standing consideration up to 6 credits in MUIH's Master of Nutrition and Integrative Health and Doctor of Clinical Nutrition programs. Graduates and current students in good academic standing in the GW M.S. Health Sciences in Integrative Medicine program who seek Certified Nutrition Specialist (CNS) credentials may take up to 9 credits from MUIH.

GEORGETOWN UNIVERSITY MEDICAL CENTER

Students in the Georgetown University Medical Center Master of Science in Physiology — Complementary and Alternative Medicine (CAM-MS) program have the opportunity to apply for preferred admission and advanced standing in an MUIH degree program to further their education in the field of integrative health. Candidates for preferred admission or advanced standing

should indicate their status with Georgetown University Medical Center at the time of application for admission to MUIH and must provide documentation, such as transcripts and course descriptions, prior to approval. Similarly, students enrolled in one of MUIH's degree programs have the opportunity to apply for preferred admission and advanced standing in the CAM-MS program. Qualified students must meet or exceed the admissions criteria (including prerequisites) for the program to which they are applying and must request advanced standing at the time of application.

INSTITUTE FOR FUNCTIONAL MEDICINE

Institute for Functional Medicine (IFM) Certified Practitioners may be eligible for advanced standing and up to nine credits of course exemption in MUIH's Doctor of Clinical Nutrition program. Candidates for this advanced standing should indicate IFM certification at the time of application for admission to MUIH and must provide documentation before approval for advanced standing.

INSTITUTE FOR INTEGRATIVE NUTRITION (IIN)

Graduates of the Institute for Integrative Nutrition (IIN) who hold a bachelor's degree will be eligible for the following exemptions in MUIH's Master of Science in Nutrition and Integrative Health and Master of Arts in Health and Wellness Coaching, based on an Articulation Agreement with IIN and approved by the Maryland Higher Education Commission:

Master of Science in Nutrition and Integrative Health with Area of Concentration in Human Clinical Nutrition or Community Nutrition Education

Number	Course Title	Credits
IHED 637	Principles and Practices of Health Behavior and Self-Care	1.5
NUTR 601	Redefining Nutrition	1.0
NUTR 672	Mindful Eating and Nourishment	2.0
Electives		2.0

Master of Science in Nutrition and Integrative Health with Area of Concentration in Herbal Medicine

Number	Course Title	Credits
IHED 637	Principles and Practices of Health Behavior and Self-Care	1.5
NUTR 601	Redefining Nutrition	1.0

Master of Arts in Health and Wellness Coaching with Area of Concentration in Nutrition

Number	Course Title	Credits
COA 610	Fundamentals of Health and Wellness Coaching	3.0
NUTR 601	Redefining Nutrition	1.0
NUTR 672	Mindful Eating and Nourishment	2.0

Candidates for this exemption must indicate graduation from the IIN program on their application for admission to MUIH.

NATURAL GOURMET INSTITUTE – CHEF'S TRAINING PROGRAM

Graduates of the Chef's Training Program at the Natural Gourmet Institute may be eligible for advanced standing in MUIH's Master of Science in Nutrition and Integrative Health. Graduates may be exempt from taking some of the Cooking with Whole Foods Labs I-VIII. Candidates for this advanced standing should indicate their graduation from the Chef's Training Program at the time of application for admission to MUIH and must provide documentation before approval for advanced standing.

A vibrant yellow flower with many thin petals is in sharp focus in the foreground. The background is a soft-focus landscape featuring lush green trees and a multi-story brick building with windows. The sky is a clear, bright blue. The overall scene is bright and sunny, suggesting a pleasant outdoor environment.

INTRODUCTION TO MUIH ACADEMICS

The 21st century requires higher levels of learning to keep pace with changes in the workplace, emerging technologies and deepening knowledge of the world. Graduate education bridges the broader approach of an undergraduate degree with appropriate depth and breadth in a single area of study or discipline. Master's and Doctoral degrees represent higher-level learning and provide increasing levels of challenge as the student moves from a baccalaureate degree to a Master's degree to a Doctoral degree. (Lumina Foundation Degree Qualifications Profile, 2011). Graduate education is a rigorous pursuit characterized by specialized training in the discipline's theory, research methodology and critical analysis. Graduate students develop the skills to generate new knowledge and to synthesize and apply existing knowledge.

UNIVERSITY LEARNING OUTCOMES

The University Learning Outcomes articulate the common characteristics and essential learning outcomes that underlie all MUIH programs. These outcomes identify and define elements that all students will know and be able to demonstrate by the end of their program. They lay the framework for the curriculum, how student learning will be assessed, and students will demonstrate learning. There are eleven University Learning Outcomes:

- **Ethics:** Graduates apply ethical principles and standards in alignment with the guidelines of their profession to make decisions and take actions.
- **Healing Presence:** Graduates demonstrate professional qualities, relationship skills, and professional behaviors that support the innate wholeness of individuals and their capacity to heal themselves.
- **Intercultural competency:** Graduates distinguish the impact of race/ethnicity, gender, age, sexual orientation, disability, religion, socio-economic status, veteran/military and political ideology on individuals, groups, and communities and are proficient in establishing relationships across different cultures to impact health perspectives and outcomes.
- **Inter-professionalism:** Graduates collaborate with individuals of other professions to address health and healthcare needs and maintain a climate of mutual respect and shared values.
- **Relationship-Centeredness:** Graduates demonstrate awareness of self, individuals, and the community to develop shared goals, identify opportunities and barriers, and facilitate meaningful change.
- **Research Literacy:** Graduates access, evaluate, and apply the best available evidence to answer questions and inform decisions.
- **Resilience:** Graduates utilize personal assets, external resources, and positive coping strategies to adapt and thrive in changing environments.
- **Scientific Principles:** Graduates use knowledge of scientific concepts as part of analysis and decision-making in health and health care.
- **Skillfulness:** Graduates demonstrate proficiency in their field of study, integrating the knowledge and theories of their discipline into sound practice.

HEALING PRESENCE

Healing Presence is one of the eleven University Learning Outcomes. It is a hallmark of an MUIH education and an essential element of life at MUIH.

Healing Presence is a constellation of personal qualities, relational skills, and professional behaviors that can have a transformational influence on individuals, groups, and communities. Healing Presence is an antecedent to optimal health and healthcare interventions; it transcends technical skill and supports the innate wholeness of individuals and their capacity to heal themselves. The qualities, skills, and behaviors that make up Healing Presence can be intentionally cultivated through specific practices.

Healing presence is composed of the personal qualities of compassion, mindfulness, empathy, humility, and curiosity; the relational skills of listening deeply, practicing non-judgement, offering support, and communicating effectively; and the professional behaviors of respecting others, acting ethically, collaboration, and demonstrating cultural competence. It can be cultivated through the practices of self-awareness, self-regulation, and self-care. It manifests with individuals, groups, and communities in the form of safety, trust, empowerment, unconditional acceptance, increased self-efficacy, and increased resilience.

A still life composition featuring dried red goji berries and a small bowl of dark tea on a dark surface, with a white cup of tea in the foreground. The text "ACUPUNCTURE AND ORIENTAL MEDICINE" is overlaid in the bottom left corner.

ACUPUNCTURE AND ORIENTAL MEDICINE



Acupuncture and Oriental Medicine Department

- Master of Acupuncture
- Master of Oriental Medicine
- Doctor of Acupuncture
- Doctor of Oriental Medicine
- Post-Baccalaureate Certificate in Chinese Herbs

ADMINISTRATION

Alexandra York, M.S.

Interim Department Chair

Janet Padgett, M.Ac., Ph.D.

Director, Acupuncture Programs

Kerri Westhauser, M.Ac.

Director, Chinese Herb Programs

Janice Campbell, D.O.M., L.Ac., A.D.S.

Director, Clinical Education

Jennifer Schwing, M.A.

Program Administrator, Acupuncture and Oriental Medicine and Chinese Herb Programs

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MASTER OF ACUPUNCTURE

PROGRAM OVERVIEW

The Master of Acupuncture degree is one of four Master's and Doctoral programs offered in Acupuncture and Oriental Medicine. All four programs prepare students to achieve full clinical competency in acupuncture and to become highly skilled, integrative acupuncturists. Each program has unique characteristics that prepare students for different career tracks and aspirations.

All of MUIH's acupuncture and Oriental Medicine programs blend acupuncture approaches from two healing traditions, Constitutional Five Element Acupuncture (CFEA) and Traditional Chinese Medicine (TCM), with contemporary science as the basis for treating the whole person. The programs provide a comprehensive understanding of the classical and theoretical foundations of the field of acupuncture, and introduce students to biomedicine from an integrative and holistic perspective. They emphasize self-cultivation and healership through a curriculum that is rigorous, transformative, and relationship-centered. By drawing upon ancient wisdom and the gifts of nature students will learn to choose their words and actions intentionally in order to be a healing presence that supports their patients. These programs develop highly skillful and compassionate practitioners who offer acupuncture as a catalyst for healing and wellness, as well as for increased self-awareness and personal transformation. Additionally, the programs provide a solid foundation in career development, practice management, and the business skills necessary to build a practice or enter the workforce and participate in today's growing healthcare field.

The Master of Acupuncture (MAC) program was the first accredited master's degree program in acupuncture in the United States (1981) and continues to provide students with a comprehensive curriculum combining rigorous classroom teaching and a rich clinical experience. This program provides students with the fundamental skills and knowledge to become a licensed acupuncturist in various settings, especially private and small group practices.

The program consists of:

- A curriculum consisting of 128.25 credits that can be completed in three years (9 consecutive trimesters).
- Clinical acupuncture experience consisting of 30 observations, 125 primary treatments, 125 secondary treatment, and 23 community health initiative treatments.

LEARNING OUTCOMES

Students who complete the program will be able to:

- Apply a comprehensive and integrated understanding of the classical and theoretical foundations of the field of acupuncture.
- Apply an understanding of biomedicine from an integrative and holistic perspective.
- Develop a healing presence and healing connection between the patient and practitioner.
- Articulate an understanding of the origin of symptoms and the direction and progression of conditions.
- Develop and provide individualized acupuncture treatment plans that address overall health and wellness and bring about effective relief for physical pain conditions, chronic illness, particular physical, mental, and emotional conditions, and spiritual issues in their patients.
- Translate western medical conditions into Chinese medicine diagnosis and treatment.
- Participate in a fully holistic system of diagnosis and treatment, addressing all levels of being.
- Apply business and practice management skills to ensure success as they enter the workforce.

CURRICULUM OVERVIEW

Students' progress through three levels of training, each with a specific focus that guides program goals and objectives. The trimesters flow and build from one to the next, and the coursework is sequenced to provide a rich and transformative educational experience.

LEVEL I

Level I begins with an intensive course on healership that introduces students to the art, practice, and science of being a healing presence. Students are introduced to MUIH's foundational philosophical principles, living within the rhythms of nature, living with mindfulness, and the skillful and purposeful use of language as tools for being a powerful healing presence and catalyst for change. This intensive is followed by coursework designed to open up the power of observation and sensory awareness. Other topics in Level I include:

- The foundational laws and theories that underpin the field of acupuncture and Oriental medicine
- Diagnostic skills development
- Rapport-building skills development
- Surface anatomy and point location
- History of acupuncture and an introduction to the classical texts
- Ethics

- Orientation to information literacy
- Philosophy, practice, and therapeutic application of qi through the study of classical self-cultivation practices (such as Tai Ji, Qi Gong, and Daoist meditation)

LEVEL II

Level II coursework delves deeper into the topics introduced in Level I, focusing on theory, diagnosis, treatment planning, and skills development. Students continue to observe clinical practice throughout Level II, and begin supervised clinical work. Near the end of this level, each student will take the Level II Comprehensive Exam. Upon passing the exam, the student may begin the expanded clinical portion of the program.

LEVEL III

Level III begins with a three-day off-campus retreat, which serves as a bridge between the academic work of Levels I and II and the clinical experience of Level III. During the retreat, students reflect on their clinical transition and build community with peers who will practice with them in the faculty-supervised clinic. Over the course of Level III, each student generates a minimum of 10 patients, and completes, under supervision, a minimum of 250 treatments. In addition, each student performs at least 180 treatments on patients at Community Health sites (begun in Level II). Beyond the increased clinical focus, Level III coursework focuses more deeply on advanced topics in theory, diagnosis, treatment planning, and skills development.

During the final stages of clinic work, each student must pass an oral exam with a panel of senior faculty to demonstrate the student's embodied knowledge and skills in the realm of Chinese medicine. Students may graduate upon completion of all coursework, clinical, and other academic requirements.

COURSE OF STUDY

LEVEL I

[Trimester 1] 13.5 Required Credits

Number	Course Title	Credits
AOM 601	History of Acupuncture and Oriental Medicine	2.00
AOM 611	Foundations of Oriental Medicine I	2.00
AOM 631	Diagnostic Skills I	1.50
AOM 681	Self-Cultivation I	0.50
APP 612	Becoming a Healing Presence: Healership	1.50
APP 613	Becoming a Healing Presence I	1.50
IHM 611	Practice Management: Ethics for the Wellness Professional	1.50
ISCI 640	Clinical Anatomy: Regional and Surface Anatomy	3.00
MUIH 500	University Wide Orientation for New Students	0.00
MUIH 550	Academic Research and Scholarship	0.00

[Trimester 2] 15 Required Credits

Number	Course Title	Credits
AOM 612A	Foundations of Oriental Medicine II	2.00
AOM 612B	Constitutional Five Element Acupuncture I	2.00
AOM 622	Point Location I	3.00
AOM 632	Diagnostic Skills II	1.00
AOM 682	Self-Cultivation II	0.50
APP 614	Becoming a Healing Presence II	1.50
ISCI 548	Western Physiology for Chinese Medical Practitioners	3.00
ISCI 754	Biomedicine: Safe Practices	2.00

LEVEL II

Trimester 3 15 Required Credits

Number	Course Title	Credits
AOM 613A	Foundations of Oriental Medicine III	1.50
AOM 613B	Constitutional Five Element Acupuncture II	2.50
AOM 623	Point Location II	3.00
AOM 633	Diagnostic Interaction	1.25
AOM 643	Treatment Skills I	1.00
AOM 653	Clinical Observation I	0.75
AOM 690A	Introduction to Community Acupuncture and Supervised Community Practice I	0.50
APP 615	Becoming a Healing Presence III	1.50
RSCH 601	Research Literacy in Integrative Health	3.00

[Trimester 4] 12.75 Required Credits

Number	Course Title	Credits
AOM 014	Five Element Project	0.00
AOM 095	Orientation to Clinical Practice	0.00
AOM 614	Patterns of Disharmony I	2.00
AOM 614B	Visiting Scholar Intensive I	1.00
AOM 624	Point Location III	3.00
AOM 634A	Clinical Intake: Interview and Exam	2.50
AOM 634B	Diagnostic Skills Lab I	0.75
AOM 654	Clinical Observation II	0.75
AOM 683	Self-Cultivation III	0.50
AOM 690B	Supervised Community Practice II	0.25
NUTR 676	Chinese and Western Nutrition Therapy	2.00

[Trimester 5] 13.25 Required Credits

Number	Course Title	Credits
AOM 615A	Patterns of Disharmony II	2.00
AOM 615B	Treatment Planning and Design	2.00
AOM 615C	Point Functions and Applications	3.00
AOM 625	Point Location IV	2.00
AOM 635	Diagnostic Skills Lab II	0.50
AOM 645	Clinical Theatre Lab	0.50
AOM 655	Clinical Theatre	1.00
AOM 685	Self-Cultivation IV	0.50
AOM 690C	Supervised Community Practice II	0.25
AOM 6EXI	AOM Comprehensive Exam Level Two	0.00
AOM 790C5	Supervised Clinical Practice	0.50
IHM 660	Practice Management: The Practice and Business of Oriental Medicine I	1.00

LEVEL III**[Trimester 6] 13 Required Credits**

Number	Course Title	Credits
AOM 096	Pre-Clinic Retreat	0.00
AOM 665	Physiology III: Integration with Oriental Medicine	1.00
AOM 726	Point Location V	2.00
AOM 746	Transforming and Healing Emotions	1.00
AOM 776A*	Five Element Theory Integration Intensive I	0.50
AOM 790B6	Supervised Clinical Practice: Core Group	1.00
AOM 790C6	Supervised Clinical Practice	1.50
APP 616	Becoming a Healing Presence IV	1.50
IHM 661	Practice Management: The Practice and Business of Oriental Medicine II	1.50
ISCI 648	Western Pathophysiology for Chinese Medical Practitioners	3.00

*AOM 776A is taken in Trimester 6 for fall intakes and 5 for spring intakes.

[Trimester 7] 12 Required Credits

Number	Course Title	Credits
AOM 717A	Visiting Scholar Intensive II	1.00
AOM 717B	Advanced Treatment Planning	2.00
AOM 747	Advanced Treatment Skills	0.75
AOM 776B*	Five Element Theory Integration Intensive II	0.50
AOM 790B7	Supervised Clinical Practice: Core Group	1.00
AOM 790C7	Supervised Clinical Practice	3.25
IHM 762	Practice Management: The Practice and Business of Oriental Medicine III	1.50
ISCI 758A	Biomedical Integration of Acupuncture and Oriental Medicine I	2.00

*AOM 776B is taken in Trimester 7 for fall intakes and 6 for spring intakes.

[Trimester 8] 12.5 Required Credits

Number	Course Title	Credits
AOM 748	Special Clinical Techniques of Chinese Medicine	0.75
AOM 790B8	Supervised Clinical Practice: Core Group	1.00
AOM 790C8	Supervised Clinical Practice	5.75
IHM 763	Practice Management: The Practice and Business of Oriental Medicine IV	2.00
ISCI 758B	Biomedicine: Integration of Acupuncture and Oriental Medicine II	3.00

[Trimester 9] 12.25 Required Credits

Number	Course Title	Credits
AOM 758	Clinical Observations: Case Presentations	1.00
AOM 790B9	Supervised Clinical Practice: Core Group	1.00
AOM 790C9	Supervised Clinical Practice	5.75
AOM 7EXI	AOM Oral Exam Level Three	0.00
APP 710	Becoming a Healing Presence V	1.50

Choose 3.0 credits from the following AOM 719A courses:

AOM 719A1	Pain Management in Oriental Medicine	3.00
AOM 719A2	Women's Health in Oriental Medicine	3.00
AOM 719A3	Advanced Constitutional Five Element Acupuncture	3.00

ADDITIONAL REQUIRED COURSEWORK

Flex Core and Bioscience Elective courses are required, but students may elect when to complete them. All courses may not be offered each trimester. Refer to the [Schedule of Courses](#) each trimester for registration.

[Flex Core Coursework] 6 Required Credits

Students may complete ISCI 615 in Trimesters 2 through 9, ISCI 636 in trimesters 4 through 9, and AOM 719 in trimesters 7 through 9.

Number	Course Title	Credits
AOM 719	Theory: NCCAOM Exam Preparation	0.00
ISCI 615	Mind Body Science	3.00
ISCI 636	Integrative Science of Acupuncture	3.00

[Bioscience Electives] 3 Required Credits

Choose 3.00 credits from the following courses. Elective offerings vary by trimester and are subject to change.

Number	Course Title	Credits
IHED 637	Principles and Practices of Health Behavior and Self-Care	1.50
ISCI 630A	Survey of Complementary Health Approaches	3.00
ISCI 631	Introduction to Complementary and Integrative Health	1.50
ISCI 667	Science of Addiction	3.00
ISCI 671	Physical Activity and Health	3.00
NUTR 602	Nutrition: Food and Balance	3.00
NUTR 613	Human Nutrition: Macronutrients and Micronutrients	3.00
NUTR 614	Human Nutrition I: Macronutrients	2.00
RSCH 610	Introduction to Scientific Writing	1.50

Total Program Credits for Master of Acupuncture	128.25
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Total Program Hours	2,385.00
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Program hours are based on the following formula for credit hour conversion:

- 15 hours (lecture) =1 semester credit
- 30 hours (lab) =1 semester credit
- 45 hours (independent study) =1 semester credit

ADMISSION REQUIREMENTS

To be considered for admission to all graduate academic programs, applicants must have a bachelor's degree from a regionally accredited institution.* Applicants must submit an official transcript from all post-secondary institutions attended. Please refer to the Application Requirements section for a detailed list of required application materials.

*If the bachelor's degree was not completed at a college or university accredited by a regional accrediting body, or recognized by the U.S. Department of Education, copies of the institution's academic catalog and course syllabi may

be requested. Please refer to the International Students section for additional information.

HEALTH REQUIREMENTS

Students must meet certain health requirements to participate in the clinical phase of this program. For specific requirements, please refer to the Health, Training, and Other Requirements section of the catalog.

PROGRAM FORMAT

The Master of Acupuncture is offered in a hybrid daytime format with primarily on-campus courses and a few online courses. It is designed to be completed in three years across nine trimesters with a 14-week schedule per trimester. An additional week is designated for makeup classes, if necessary. Students may progress at a more moderate pace and extend their clinical practice beyond trimester 9.

For programs that begin in the fall, class times are generally 8:45 a.m.–5 p.m. on Thursdays and Fridays. For programs that begin in the spring, class times are generally 8:45 a.m.–5 p.m. on Mondays and Tuesdays. There are occasional scheduling exceptions for intensives, electives, non-credit requirements, and other special courses as described below. Students must plan ahead to clear work schedules and commitments to be available to attend all courses as required.

Online courses offer flexibility for the student, and run asynchronously throughout each trimester. The syllabus for each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. More information about MUIH's online format is available at www.muih.edu.

INTENSIVES

The program begins with a three-day intensive and has a few weekend intensives throughout the first nine trimesters. Most weekend intensives are 8:30 a.m.–5:30 p.m. on Saturday and Sunday. See www.muih.edu for more information.

ELECTIVES

Elective course offerings are typically bioscience (ISCI) courses held Mondays 6–9 p.m., Wednesdays 9 a.m.–12 p.m., and weekends (generally two weekends consisting of Friday evening and all day Saturday and Sunday), with some online availability. Offerings vary by trimester.

NON-CREDIT REQUIREMENTS

This program includes nine non-credit requirements, which will be explained in detail in the first and second trimesters:

- Acupuncture Treatment: Students are required to receive ongoing acupuncture treatment
- AOM 014 Five Element Project
- AOM 095 Orientation to Clinical Practice
- AOM 096 Pre-Clinic Retreat
- AOM 6EXI AOM Comprehensive Exam Level Two
- AOM 7EXI AOM Oral Exam Level Three
- AOM 719 Theory: NCCAOM Exam Preparation
- MUIH 500 University Wide Orientation for New Students
- MUIH 550 Academic Research and Scholarship

ADDITIONAL INFORMATION LAWS AND LICENSURE

Completion of the Master of Acupuncture program does not automatically qualify graduates to begin practicing independently. Each state, including Maryland, has specific licensure or registration procedures that must be met. There may be a waiting period between the completion of the program and the legal recognition allowing the graduate to begin practice. Until a graduate receives official notification of legal recognition to begin practice, she or he may continue to practice only under faculty supervision. Students who wish to continue to practice in Maryland after graduating, but prior to being licensed, must enroll in MUIH's Trainee Program.

Most states require successful completion of the National Certification Commission for Acupuncture and Oriental Medicine exam. For more information, refer to www.nccaom.org.

Graduates wishing to practice in Maryland may be licensed by applying to the Maryland Board of Acupuncture.

MUIH is approved by the Maryland Higher Education Commission to award a Master of Acupuncture degree, and the program conforms to Maryland laws and regulations regarding the practice of acupuncture.

General

Governmental laws, regulations, legal opinions, and requirements differ from country to country and state to state.

The University cannot provide assurance that completion of the program will qualify a graduate to be registered or accepted under a state law other than Maryland. However, the University's Master of Acupuncture program is designed to provide basic, solid competence in traditional acupuncture.

Maryland Acupuncture Licenses

For requirements for licensure in Maryland, contact:

■ Maryland Board of Acupuncture

4201 Patterson Avenue, Room 311
Baltimore, MD 21215
410-764-4766 or 800-530-2481
dhmh.state.md.us/bacc

State of California

Qualified MUIH alumni who have completed the following course of study required by the California Acupuncture Board are currently eligible to take the CA Acupuncture Licensing Examination.

Effective January 1, 2005, the California Acupuncture Licensing Examination requires students to complete a total of 3000 hours (2050 hours of didactic instruction and 950 hours of clinical instruction) in the following areas:

Basic Sciences	350
<i>to include: Anatomy, Physiology, Chemistry, Biochemistry, Physics, Biology, Nutrition, Pathology and Pathophysiology</i>	
Oriental Medicine Principles and Treatment	1255
<i>to include 450 hours of instruction in Chinese Herbal Medical Principles and Theory</i>	
Clinical Medicine, Patient Assessment and Diagnosis	240
Case Management	90
Practice Management	45
Public Health	40
Professional Development	30
Clinical Practice	950

Students who wish to take the California Acupuncture Licensing Examination must complete the following additional requirements. Please note that these requirements are above and beyond what is required to complete MUIH's Master of Acupuncture degree program and that there may be additional fees associated with completion of these requirements:

- Chinese Herbal Certificate: 450 hours of didactic instruction and 210 hours of clinical instruction
- AOM CA701 California Supplemental Information I
- AOM CA702 California Supplemental Information II
- ISCI752 Advanced Diagnostic Studies
- CPR: A minimum of eight (8) hours in first aid and adult/child CPR from the American Red Cross, American Heart Association or other organization with an equivalent course approved by the California Acupuncture Board
- Self-identified California tracked students must comply with California supervisory requirements by treating on specified California tracked treatment slots.
- Recommended elective coursework: ISCI 667 Science of Addiction

The Integrative Health Sciences department at MUIH provides most of the California-required science coursework within the core science courses in the Master of Acupuncture program. MUIH reviews California's requirements on an ongoing basis and adjusts course offerings as needed.

If any of the above coursework is to be completed at an institution other than MUIH, the Department Chair of the Acupuncture and Oriental Medicine programs must approve the course. Appropriate documentation must also be submitted to the Office of the Registrar before such coursework may be included in the student's academic file and official transcript. Students planning to seek licensure in California must speak to the Director of Acupuncture programs to insure that their course of study meets all requirements to sit for the California Licensing Examination.

A student entering MUIH can use undergraduate bioscience coursework to fulfill California Basic Science Requirements. If the student does not have bioscience courses in their undergraduate degree program, AOM bioscience courses will cover all requirements, with the exception of psychology with counselling skills and organic chemistry including biochemistry. Any student planning to apply to sit for the California Acupuncture Licensing Exam will need to complete this coursework while matriculated at MUIH. The face-to-face courses can be taken at MUIH or another accredited college (as approved by the Department Chair).

Please contact the Department Chair or see the California Acupuncture Board website for additional information regarding requirements to sit for the California Acupuncture Licensing Examination.

■ California Acupuncture Board

1747 N. Market Blvd., Suite 180
Sacramento, CA 95834
916-928-2204
www.acupuncture.ca.gov

Requirements of Other States

For eligibility to apply for licensure, other states may stipulate additional requirements, such as completion of a course in Chinese herbs or clinical hours beyond what is required by MUIH. For information about licensure procedures in specific states, please contact the medical or acupuncture regulating agency in each state.

RESOURCES

COUNCIL OF COLLEGES OF ACUPUNCTURE AND ORIENTAL MEDICINE (CCAOM)

CCAOM was established in 1982. The primary mission of the Council is to advance acupuncture and Oriental medicine by promoting educational excellence within the field. In furtherance of this mission, the Council supports the development and improvement of educational programs in acupuncture and Oriental medicine, and develops recommended curricula for degree, diploma, and other educational programs. It supports and fosters academic freedom and a diversity of educational approaches within the field. It encourages scientific research, innovative teaching methodology, and faculty development, and provides a forum for discussion of issues relevant to member colleges. The Council also serves as an information resource for member colleges, other colleges and organizations, regulatory agencies and the public. It encourages ethical business practices among member colleges and works with accreditation, certification, licensing and regulatory agencies to develop appropriate educational standards and requirements. It also promotes increased public access to high quality health care provided by well-trained practitioners of acupuncture and Oriental medicine.

■ Council of Colleges of Acupuncture and Oriental Medicine

600 Wyndhurst Ave., Suite 112
Baltimore, MD 21210
410-464-6040
www.ccaom.org

ACCREDITATION COMMISSION FOR ACUPUNCTURE AND ORIENTAL MEDICINE (ACAOM)

The Board of the CCAOM established ACAOM in 1982. ACAOM, working under existing guidelines for similar accreditation commissions at a national level, acts as an independent body to evaluate schools and colleges of acupuncture and Oriental medicine for the purpose of establishing and maintaining high standards and ethical business practices. The Commission is recognized as a specialized accrediting agency by the U.S. Secretary of Education and the Commission on Recognition of Postsecondary Accreditation.

■ Accreditation Commission for Acupuncture and Oriental Medicine

8941 Aztec Drive
Eden Prairie, MN 55347
952-212-2434
www.acaom.org

NATIONAL CERTIFICATION COMMISSION FOR ACUPUNCTURE AND ORIENTAL MEDICINE (NCCAOM)

NCCAOM, the only nationally recognized certification body in the United States for acupuncture, Chinese herbology, Oriental medicine, and Asian bodywork therapy, was established in 1982. NCCAOM's mission is to establish, assess, and promote recognized standards of competence and safety in acupuncture, Chinese herbology, Asian bodywork therapy, and Oriental medicine for the protection and benefit of the public. The Board of Commissioners consists of nine practitioners who are elected by other diplomates, or are appointed if a vacancy arises midyear. Additionally, the Board includes two public members, who serve to ensure NCCAOM's commitment to the public. Over 16,000 diplomates are currently certified through NCCAOM, which is a member of the National Organization for Competency Assurance, and which is accredited by the National Commission for Certifying Agencies (NCCA).

■ National Certification Commission for Acupuncture and Oriental Medicine

76 S. Laura Street, Suite 1290
Jacksonville, FL 32202
904-598-1005
info@nccaom.org
www.nccaom.org

AMERICAN ASSOCIATION OF ACUPUNCTURE AND ORIENTAL MEDICINE (AAAOM)

AAAOM is a national membership organization dedicated to promoting excellence and integrity in the professional practice of acupuncture and Oriental medicine in order to enhance public health and well-being. The AAAOM is committed to high ethical and educational standards and to ensuring the safety of the public. As part of its purpose, the AAAOM seeks to advance the professional field of acupuncture and Oriental medicine and to educate and serve as a resource to legislators, regulators, and the general public regarding the nature and scope of the practice of acupuncture and Oriental medicine.

■ American Association of Acupuncture and Oriental Medicine

9650 Rockville Pike
Bethesda, MD 20814
866-455-7999
www.aaaomonline.org

MASTER OF ORIENTAL MEDICINE PROGRAM

PROGRAM OVERVIEW

The Master of Oriental Medicine degree is one of four Master's and Doctoral programs offered in Acupuncture and Oriental Medicine. All four programs prepare students to achieve full clinical competency in acupuncture and to become highly skilled, integrative acupuncturists. Each program has unique characteristics that prepare students for different career tracks and aspirations.

All of MUIH's acupuncture and Oriental Medicine programs blend acupuncture approaches from two healing traditions, Constitutional Five Element Acupuncture (CFEA) and Traditional Chinese Medicine (TCM), with contemporary science as the basis for treating the whole person. The programs provide a comprehensive understanding of the classical and theoretical foundations of the field of acupuncture, and introduce students to biomedicine from an integrative and holistic perspective. They emphasize self-cultivation and healership through a curriculum that is rigorous, transformative, and relationship-centered. By drawing upon ancient wisdom and the gifts of nature students will learn to choose their words and actions intentionally in order to be a healing presence that supports their patients. These programs develop highly skillful and compassionate practitioners who offer acupuncture as a catalyst for healing and wellness, as well as for increased self-awareness and personal transformation. Additionally, the programs provide a solid foundation in career development, practice management, and the business skills necessary to build a practice or enter the workforce and participate in today's growing healthcare field.

The Master of Oriental Medicine (MOM) combines the skills and knowledge of acupuncture provided in the Master of Acupuncture degree with a deep concentration and practice in Chinese herbs. Thus, the MOM program further enhances and deepens a graduate's ability to treat the whole person with a multi-disciplinary knowledge base and clinical acumen. It prepares students to become a licensed acupuncturist who can integrate and apply the benefits of both acupuncture and Chinese herbs in cultivating health and wellness. The program consists of:

- A curriculum consisting of 168.25 credits that can be completed in four years (13 consecutive trimesters).
- Clinical acupuncture experience consisting of 30 observations, 125 primary treatments, 125 secondary treatment, and 23 community health initiative treatments.

- Clinical Chinese herb experience consisting of 40 primary treatments and 65 secondary treatments.
- The opportunity to gain practical experience in prescribing Chinese herbs, and the management of a Chinese herbal dispensary.

LEARNING OUTCOMES

Students who complete the program will be able to:

- Apply a comprehensive and integrated understanding of the classical and theoretical foundations of the field of acupuncture.
- Apply an understanding of biomedicine from an integrative and holistic perspective.
- Develop a healing presence and healing connection between the patient and practitioner.
- Articulate an understanding of the origin of symptoms and the direction and progression of conditions.
- Develop and provide individualized acupuncture treatment plans that address overall health and wellness and bring about effective relief for physical pain conditions, chronic illness, particular physical, mental, and emotional conditions, and spiritual issues in their patients.
- Translate western medical conditions into Chinese medicine diagnosis and treatment.
- Participate in a fully holistic system of diagnosis and treatment, addressing all levels of being.
- Apply business and practice management skills to ensure success as they enter the workforce.
- Develop and provide individualized and integrated acupuncture and Chinese herbal medicine treatment plans that address overall health and wellness and bring about effective relief for physical pain conditions, chronic illness, particular physical, mental, and emotional conditions, and spiritual issues in their patients.
- Prescribe and dispense Chinese herbs as part of an integrated treatment plan.

CURRICULUM OVERVIEW

Students progress through three levels of training, each with a specific focus that guides program goals and objectives. The trimesters flow and build from one to the next, and the coursework is sequenced to provide a rich and transformative educational experience.

LEVEL I

Level I begins with an intensive course on healership that introduces students to the art, practice, and science of being a healing presence. Students are introduced

to MUIH's foundational philosophical principles, living within the rhythms of nature, living with mindfulness and the skillful and purposeful use of language as tools for being a powerful healing presence and catalyst for change. This intensive is followed by coursework designed to open up the power of observation and sensory awareness. Other topics in Level I include:

- The foundational laws and theories that underpin the field of acupuncture and Oriental medicine
- Diagnostic skills development
- Rapport-building skills development
- Surface anatomy and point location
- History of acupuncture and an introduction to the classical texts
- Ethics
- Orientation to information literacy
- Philosophy, practice, and therapeutic application of qi through the study of classical self-cultivation practices such as Tai Ji, Qi Gong, and Daoist meditation

LEVEL II

Level II coursework delves deeper into the topics introduced in Level I, focusing on theory, diagnosis, treatment planning, and skills development. Students continue to observe clinical practice throughout Level II, and begin supervised clinical work. Each student trains at the on-campus faculty-supervised clinic and at the off-campus Community Clinic Sites. Near the end of this level, each student will take the Level II Comprehensive Exam. Upon passing the exam, the student may begin the expanded clinical portion of the program.

LEVEL III

Level III begins with a three-day off-campus retreat, which serves as a bridge between the academic work of Levels I and II and the clinical experience of Level III. During the retreat, students reflect on their clinical transition and build community with peers who will practice with them in the faculty-supervised clinic. Over the course of Level III, each student generates a minimum of 10 acupuncture patients, and completes, under supervision, a minimum of 250 acupuncture treatments. In addition, each student performs at least 180 treatments on acupuncture patients at Community Clinic Sites (begun in Level II). The Chinese herbs clinic consists of 210 hours, including direct diagnostic calibration, treatment planning, and extensive practical dispensary training. In addition to the increased clinical focus, Level III coursework focuses more deeply on advanced topics in theory, diagnosis, treatment planning, and skills development.

During the final stages of clinic work, each student must pass an oral exam with a panel of senior faculty that

demonstrates the student's embodied knowledge and skills in the realm of Chinese medicine. Students may graduate upon completion of all coursework, clinical, and other academic requirements.

COURSE OF STUDY

LEVEL I

[Trimester 1] 13.5 Required Credits

Number	Course Title	Credits
AOM 601	History of Acupuncture and Oriental Medicine	2.00
AOM 611	Foundations of Oriental Medicine I	2.00
AOM 631	Diagnostic Skills I	1.50
AOM 681	Self-Cultivation I	0.50
APP 612	Becoming a Healing Presence: Healership	1.50
APP 613	Becoming a Healing Presence I	1.50
IHM 611	Practice Management: Ethics for the Wellness Professional	1.50
ISCI 640	Clinical Anatomy: Regional and Surface Anatomy	3.00
MUIH 500	University Wide Orientation for New Students	0.00
MUIH 550	Academic Research and Scholarship	0.00

[Trimester 2] 15 Required Credits

Number	Course Title	Credits
AOM 612A	Foundations of Oriental Medicine II	2.00
AOM 612B	Constitutional Five Element Acupuncture I	2.00
AOM 622	Point Location I	3.00
AOM 632	Diagnostic Skills II	1.00
AOM 682	Self-Cultivation II	0.50
APP 614	Becoming a Healing Presence II	1.50
ISCI 548	Western Physiology for Chinese Medical Practitioners	3.00
ISCI 754	Biomedicine: Safe Practices	2.00

LEVEL II

[Trimester 3] 15 Required Credits

Number	Course Title	Credits
AOM 613A	Foundations of Oriental Medicine III	1.50
AOM 613B	Constitutional Five Element Acupuncture II	2.50
AOM 623	Point Location II	3.00
AOM 633	Diagnostic Interaction	1.25
AOM 643	Treatment Skills I	1.00
AOM 653	Clinical Observation I	0.75
AOM 690A	Introduction to Community Acupuncture and Supervised Community Practice I	0.50
APP 615	Becoming a Healing Presence III	1.50
RSCH 601	Research Literacy in Integrative Health	3.00

[Trimester 4] 12.75 Required Credits

Number	Course Title	Credits
AOM 014	Five Element Project	0.00
AOM 095	Orientation to Clinical Practice	0.00
AOM 614	Patterns of Disharmony I	2.00
AOM 614B	Visiting Scholar Intensive I	1.00
AOM 624	Point Location III	3.00

AOM 634A	Clinical Intake: Interview and Exam	2.50
AOM 634B	Diagnostic Skills Lab I	0.75
AOM 654	Clinical Observation II	0.75
AOM 683	Self-Cultivation III	0.50
AOM 690B	Supervised Community Practice II	0.25
NUTR 676	Chinese and Western Nutrition Therapy	2.00

[Trimester 5] 13.25 Required Credits

Number	Course Title	Credits
AOM 615A	Patterns of Disharmony II	2.00
AOM 615B	Treatment Planning and Design	2.00
AOM 615C	Point Functions and Applications	3.00
AOM 625	Point Location IV	2.00
AOM 635	Diagnostic Skills Lab II	0.50
AOM 645	Clinical Theatre Lab	0.50
AOM 655	Clinical Theatre	1.00
AOM 685	Self-Cultivation IV	0.50
AOM 690C	Supervised Community Practice II	0.25
AOM 6EXI	AOM Comprehensive Exam Level Two	0.00
AOM 790C5	Supervised Clinical Practice	0.50
IHM 660	Practice Management: The Practice and Business of Oriental Medicine I	1.00

LEVEL III**[Trimester 6] 13 Required Credits**

Number	Course Title	Credits
AOM 096	Pre-Clinic Retreat	0.00
AOM 665	Physiology III: Integration with Oriental Medicine	1.00
AOM 726	Point Location V	2.00
AOM 746	Transforming and Healing Emotions	1.00
AOM 776A*	Five Element Theory Integration Intensive I	0.50
AOM 790B6	Supervised Clinical Practice: Core Group	1.00
AOM 790C6	Supervised Clinical Practice	1.50
APP 616	Becoming a Healing Presence IV	1.50
IHM 661	Practice Management: The Practice and Business of Oriental Medicine II	1.50
ISCI 648	Western Pathophysiology for Chinese Medical Practitioners	3.00

*AOM 776A is taken in Trimester 6 for fall intakes and 5 for spring intakes.

[Trimester 7] 12 Required Credits

Number	Course Title	Credits
AOM 717A	Visiting Scholar Intensive II	1.00
AOM 717B	Advanced Treatment Planning	2.00
AOM 747	Advanced Treatment Skills	0.75
AOM 776B*	Five Element Theory Integration Intensive II	0.50
AOM 790B7	Supervised Clinical Practice: Core Group	1.00
AOM 790C7	Supervised Clinical Practice	3.25
IHM 762	Practice Management: The Practice and Business of Oriental Medicine III	1.50
ISCI 758A	Biomedicine: Integration of Acupuncture and Oriental Medicine I	2.00

*AOM 776B is taken in Trimester 7 for fall intakes and 6 for spring intakes.

[Trimester 8] 20 Required Credits

Number	Course Title	Credits
AOM 748	Special Clinical Techniques of Chinese Medicine	0.75
AOM 790B8	Supervised Clinical Practice: Core Group	1.00
AOM 790C8	Supervised Clinical Practice	5.75
CHP 623A*	Chinese Herbal Medicine Theory I	4.5
HRB 645	Foundations of Toxicology and Herb-Drug Interactions	3.00
IHM 763	Practice Management: The Practice and Business of Oriental Medicine IV	2.00
ISCI 758B	Biomedicine: Integration of Acupuncture and Oriental Medicine II	3.00

*Chinese Herbs courses (CHP): fall intakes begin this series of courses in Trimester 8. Spring intakes begin this series of courses in Trimester 7.

[Trimester 9] 16 Required Credits

Number	Course Title	Credits
AOM 758	Clinical Observations: Case Presentations	1.00
AOM 790B9	Supervised Clinical Practice: Core Group	1.00
AOM 790C9	Supervised Clinical Practice	5.75
AOM 7EXI	AOM Oral Exam Level Three	0.00
APP 710	Becoming a Healing Presence V	1.50
CHP 623B	Five Element Theory and Herbal Integration I	3.00
CHP 731A	Clinical Thought Process	0.50
CHP 642B	Clinical Theory in Practice II	0.25

Choose 3.0 credits from the following AOM 719A courses:

Number	Course Title	Credits
AOM 719A1	Pain Management in Oriental Medicine	3.00
AOM 719A2	Women's Health in Oriental Medicine	3.00
AOM 719A3	Advanced Constitutional Five Element Acupuncture	3.00

[Trimester 10] 5.5 Required Credits

Number	Course Title	Credits
CHP 623C	Five Element Theory and Herbal Integration II	5.00
CHP 642C	Clinical Theory in Practice III	0.50

[Trimester 11] 6.75 Required Credits

Number	Course Title	Credits
CHP 711A	Chinese Herbal Medicine Theory II	3.50
CHP 721A	Clinical Internship	2.00
CHP 731B	Clinical Thought Process	0.50
CHP 770A	Pharmacy Practicum	0.25
CHP 780A	Core Group I	0.50

[Trimester 12] 7.5 Required Credits

Number	Course Title	Credits
CHP 711B	Chinese Herbal Medicine Theory II	4.50
CHP 721B	Clinical Internship	2.50
CHP 770B	Pharmacy Practicum	0.25
CHP 780B	Core Group II	0.25

[Trimester 13] 8 Required Credits

Number	Course Title	Credits
CHP 711C	Chinese Herbal Medicine Theory II	4.75
CHP 721C	Clinical Internship	2.50
CHP 770C	Pharmacy Practicum	0.50
CHP 780C	Core Group III	0.25

ADDITIONAL REQUIRED COURSEWORK

Flex Core and Bioscience Elective courses are required but students may elect when to complete them. All courses may not be offered each trimester. Refer to the [Schedule of Courses](#) each trimester for registration.

[Flex Core Coursework] 7 Required Credits

Students may complete ISCI 615 in Trimesters 2 through 9, ISCI 636 in trimesters 4 through 9, and AOM 719 in trimesters 7 through 9.

Number	Course Title	Credits
AOM 716	Writing a Case Report	1.00
AOM 719	Theory: NCCAOM Exam Preparation	0.00
ISCI 615	Mind Body Science	3.00
ISCI 636	Integrative Science of Acupuncture	3.00

[Bioscience Electives] 3 Required Credits

Choose 3.00 credits from the following courses. Elective offerings vary by trimester and are subject to change.

Number	Course Title	Credits
IHED 637	Principles and Practices of Health Behavior and Self-Care	1.50
ISCI 630A	Survey of Complementary Health Approaches	3.00
ISCI 631	Introduction to Complementary and Integrative Health	1.50
ISCI 667	Science of Addiction	3.00
ISCI 671	Physical Activity and Health	3.00
NUTR 602	Nutrition: Food and Balance	3.00
NUTR 613	Human Nutrition: Macronutrients and Micronutrients	3.00
NUTR 614	Human Nutrition I: Macronutrients	2.00
RSCH 610	Introduction to Scientific Writing	1.50

Total Program Credits for Master of Oriental Medicine	168.25
Total Program Hours	3,067.50

Program hours are based on the following formula for credit hour conversion:

- 15 hours (lecture) =1 semester credit
- 30 hours (lab) =1 semester credit
- 45 hours (independent study) =1 semester credit

ADMISSION REQUIREMENTS

To be considered for admission to all graduate academic programs, applicants must have a bachelor's degree from a regionally accredited institution.* Applicants must submit an official transcript from all post-secondary institutions attended. Please refer to the Application

Requirements section for a detailed list of required application materials.

* If the bachelor's degree was not completed at a college or university accredited by a regional accrediting body, or recognized by the U.S. Department of Education, copies of the institution's academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

HEALTH REQUIREMENTS

Students must meet certain health requirements to participate in the clinical phase of this program. For specific requirements, please refer to the Health, Training, and Other Requirements section of the catalog.

PROGRAM FORMAT

The Master of Oriental Medicine is offered in a hybrid daytime format with primarily on-campus courses and a few online courses. The program is designed to be completed in four years and four months (13 trimesters) if started in the fall, or four years (12 trimesters) if started in the spring. Classes are held on a 14-week schedule per trimester with an additional week designated for makeup classes, if necessary.

An accelerated format of this program is also available. Students beginning the program in the fall may complete the program in as few as 10 trimesters, and students beginning the program in the spring may complete the program in as few as nine trimesters. Students seeking this option must contact their academic advisor at the start of trimester three to apply.

For programs that begin in the fall, class times are generally 8:45 a.m.–5 p.m. on Thursdays and Fridays. For programs that begin in the spring, class times are generally 8:45 a.m.–5 p.m. on Mondays and Tuesdays.

There are occasional scheduling exceptions for intensives, electives, non-credit requirements, and other special courses as described below. Students must plan ahead to clear work schedules and commitments to be available to attend all courses as required.

Online courses offer flexibility for the student, and run asynchronously throughout each trimester. The syllabus for each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. More information about MUIH's online format is available at www.muih.edu.

INTENSIVES

The program begins with a three-day intensive and has a few weekend intensives throughout the 13 trimesters.

Most weekend intensives are 9 a.m.–5:30 p.m. on Saturday and Sunday. See www.muih.edu for more information.

CHINESE HERBS COURSES

The Chinese herbs portion of the Master of Oriental Medicine program consists of 37 credits delivered as two- to three-day weekends (Friday-Sunday), starting in Level III. Please refer to the Course of Study and the Post- Baccalaureate Certificate in Chinese Herbs for more information.

ELECTIVES

Elective course offerings are typically bioscience (ISCI) courses held on Mondays 6–9 p.m., Wednesdays 9 a.m.–12p.m., and weekends (generally two weekends consisting of Friday evening and all day Saturday and Sunday), with some online availability. Offerings vary by trimester.

NON-CREDIT REQUIREMENTS

This program includes nine non-credit requirements, which will be explained in greater detail in the first and second trimesters:

- Acupuncture Treatment: Students are required to receive ongoing acupuncture treatment
- AOM 014 Five Element Project
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Maryland University of Integrative Health is approved by the Maryland Higher Education Commission to award a Master of Oriental Medicine degree, and the program conforms to Maryland laws and regulations regarding the practice of acupuncture.

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- **Maryland Board of Acupuncture**
4201 Patterson Avenue, Room 311
Baltimore, MD 21215
410-764-4766 or 800-530-2481
dhmh.state.md.us/back

STATE OF CALIFORNIA

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- Recommended elective coursework: ISCI 667 Science of Addiction

The Integrative Health Sciences department at MUIH provides most of the California-required science coursework within the core science courses in the Master of Oriental Medicine program. MUIH reviews California's requirements on an ongoing basis and adjusts course offerings as needed.

If any of the above coursework is to be completed at an institution other than MUIH, the Department Chair of Acupuncture and Oriental Medicine must approve the course. Appropriate documentation must also be submitted to the Office of the Registrar before such coursework may be included in the student's academic file and official transcript. Students planning to seek licensure in California must speak to the Director of Acupuncture Programs to insure that their course of study meets all requirements to sit for the California Licensing Examination.

A student entering MUIH can use undergraduate bioscience coursework to fulfill California Basic Science requirements. If the student does not have bioscience courses in their undergraduate degree program, AOM bioscience courses will cover all requirements, with the exception of psychology with counselling skills and organic chemistry including biochemistry.

Any student planning to apply to sit for the California Acupuncture Licensing Exam will need to complete this coursework while matriculated at MUIH. The face-to-face courses can be taken at MUIH or another accredited college (as approved by the Department Chair).

Please contact the Director of Acupuncture programs or see the California Acupuncture Board website for additional information regarding requirements to sit for the California Acupuncture Licensing Examination.

■ California Acupuncture Board

1747 N. Market Blvd., Suite 180
Sacramento, CA 95834
916-928-2204
www.acupuncture.ca.gov

REQUIREMENTS OF OTHER STATES

For eligibility to apply for licensure, other states may stipulate additional requirements, such as completion of a course in Chinese herbs or clinical hours beyond what is required by MUIH. For information about licensure procedures in specific states, please contact the medical or acupuncture regulating agency in each state.

RESOURCES

COUNCIL OF COLLEGES OF ACUPUNCTURE AND ORIENTAL MEDICINE (CCAOM)

CCAOM was established in 1982. The primary mission of the Council is to advance acupuncture and Oriental medicine by promoting educational excellence within the field. In furtherance of this mission, the Council supports the development and improvement of educational programs in acupuncture and Oriental medicine, and develops recommended curricula for degree, diploma, and other educational programs. It supports and fosters academic freedom and a diversity of educational approaches within the field. As well, it encourages scientific research, innovative teaching methodology, and faculty development, and provides a forum for discussion of issues relevant to member colleges. The Council also serves as an information resource for member colleges, other colleges and organizations, regulatory agencies, and the public. It encourages ethical business practices among member colleges and works with accreditation, certification, licensing and regulatory agencies to develop appropriate educational standards and requirements. It also promotes increased public access to high quality health care provided by well-trained practitioners of acupuncture and Oriental medicine.

■ Council of Colleges of Acupuncture and Oriental Medicine

P. O. Box 65120
Baltimore, MD 21209
410-464-6040
www.ccaom.org

ACCREDITATION COMMISSION FOR ACUPUNCTURE AND ORIENTAL MEDICINE (ACAOM)

The Board of the CCAOM established ACAOM in 1982. ACAOM, working under existing guidelines for similar accreditation commissions at a national level, acts as an independent body to evaluate schools and colleges of

acupuncture and Oriental medicine for the purpose of establishing and maintaining high standards and ethical business practices. The Commission is recognized as a specialized accrediting agency by the U.S. Secretary of Education and the Commission on Recognition of Postsecondary Accreditation.

■ **Accreditation Commission for Acupuncture and Oriental Medicine**

8941 Aztec Dr., Suite 2
Eden Prairie, MN 55347
952-212-2434
www.acaom.org

NATIONAL CERTIFICATION COMMISSION FOR ACUPUNCTURE AND ORIENTAL MEDICINE (NCCAOM)

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Additionally, the Board includes two public members, who serve to ensure NCCAOM's commitment to the public. Over 16,000 diplomates are currently certified through NCCAOM, which is a member of the National Organization for Competency Assurance, and which is accredited by the National Commission for Certifying Agencies (NCCA).

■ **National Certification Commission for Acupuncture and Oriental Medicine**

2025 M Street NW, Suite 800
Washington DC, 20036
888-381-1140 (toll-free)
202-381-1140 (direct phone number)
www.nccaom.org/

AMERICAN ASSOCIATION OF ACUPUNCTURE AND ORIENTAL MEDICINE (AAAOM)

AAAOM is a national membership organization dedicated to promoting excellence and integrity in the professional practice of acupuncture and Oriental medicine, in order to enhance public health and well-being. The AAAOM is committed to high ethical and educational standards and to ensuring the safety of the public. As part of its purpose, the AAAOM seeks to advance the professional field of acupuncture and Oriental medicine and to educate

and serve as a resource to legislators, regulators, and the general public regarding the nature and scope of the practice of acupuncture and Oriental medicine.

■ **American Association of Acupuncture and Oriental Medicine**

PO Box 96503 #44114
Washington DC 20090-6503
www.aaaomonline.org

DOCTOR OF ACUPUNCTURE

PROGRAM OVERVIEW

The Doctor of Acupuncture degree is one of four Master's and Doctoral programs offered in Acupuncture and Oriental Medicine. All four programs prepare students to achieve full clinical competency in acupuncture and to become highly skilled, integrative acupuncturists. Each program has unique characteristics that prepare students for different career tracks and aspirations.

All of MUIH's acupuncture and Oriental Medicine programs blend acupuncture approaches from two healing traditions, Constitutional Five Element Acupuncture (CFEA) and Traditional Chinese Medicine (TCM), with contemporary science as the basis for treating the whole person. The programs provide a comprehensive understanding of the classical and theoretical foundations of the field of acupuncture, and introduce students to biomedicine from an integrative and holistic perspective. They emphasize self-cultivation and healership through a curriculum that is rigorous, transformative, and relationship-centered. By drawing upon ancient wisdom and the gifts of nature students will learn to choose their words and actions intentionally in order to be a healing presence that supports their patients. These programs develop highly skillful and compassionate practitioners who offer acupuncture as a catalyst for healing and wellness, as well as for increased self-awareness and personal transformation. Additionally, the programs provide a solid foundation in career development, practice management, and the business skills necessary to build a practice or enter the workforce and participate in today's growing healthcare field.

The Doctor of Acupuncture (DAC) program is designed to educate and develop graduates to meet the growing need and opportunities for well-trained Chinese medical practitioners to serve in numerous types of integrative medicine settings across the country. It builds on the outcomes and competencies of the Master of Acupuncture toward achieving full clinical competency, with the addition of 28 doctoral-specific competencies in the domains of research literacy, advanced diagnostic studies, systems-based medicine, and professional development, along with an enhanced clinical training. The program prepares graduates to work in a multitude of clinical environments, including integrative healthcare settings alongside practitioners in allopathic and other complementary health fields. As a graduate of this program, you will be recognized as a doctor, both

professionally and publicly, and will be prepared to work as a vital part of multidisciplinary healthcare team. The program consists of:

- A curriculum consisting of 150.25 credits that can be completed in four years (13 consecutive trimesters).
- Foundational clinical acupuncture experience consisting of 30 observations, 125 primary treatments, 125 secondary treatment, and 23 community health initiative treatments.
- Advanced clinical acupuncture experience consisting of 120 hours of evidence informed treatment, integrative clinic, or integrative case discussions.
- The opportunity to experience integrative practices in at least one of several possible conventional healthcare settings.
- The opportunity to enhance and deepen one's practice by sharpening diagnostic skills and additional specialization to confidently treat specific populations.

LEARNING OUTCOMES

Students who complete the program will be able to:

- Apply a comprehensive and integrated understanding of the classical and theoretical foundations of the field of acupuncture.
- Apply an understanding of biomedicine from an integrative and holistic perspective.
- Develop a healing presence and healing connection between the patient and practitioner.
- Articulate an understanding of the origin of symptoms and the direction and progression of conditions.
- Develop and provide individualized acupuncture treatment plans that address overall health and wellness and bring about effective relief for physical pain conditions, chronic illness, particular physical, mental, and emotional conditions, and spiritual issues in their patients.
- Translate western medical conditions into Chinese medicine diagnosis and treatment.
- Participate in a fully holistic system of diagnosis and treatment, addressing all levels of being.
- Apply business and practice management skills to ensure success as they enter the workforce.
- Apply an understanding of various modalities and specialties and how to collaborate with those practitioners.
- Use evidence-informed practices with patients.
- Confidently interview and speak with other healthcare providers about acupuncture and Oriental medicine.
- Participate and inform innovation occurring in acupuncture practice.

CURRICULUM OVERVIEW

Students' progress through three levels of training, each with a specific focus that guides program goals and objectives. The trimesters flow and build from one to the next, and the coursework is sequenced to provide a rich and transformative educational experience.

LEVEL I

Level I begins with an intensive course on healership that introduces students to the art, practice, and science of being a healing presence. Students are introduced to MUIH's foundational philosophical principles: living within the rhythms of nature, living with mindfulness and the skillful and purposeful use of language as tools for being a powerful healing presence and catalyst for change. This intensive is followed by coursework designed to open up the power of observation and sensory awareness. Other topics in Level I include:

- The foundational laws and theories that underpin the field of acupuncture and oriental medicine
- Diagnostic skills development
- Rapport-building skills development
- Surface anatomy and point location
- History of acupuncture and an introduction to the classical texts
- Ethics
- Orientation to information literacy
- Philosophy, practice, and therapeutic application of qi through the study of classical self-cultivation practices (such as Tai Ji, Qi Gong, and Daoist meditation)

LEVEL II

Level II coursework delves deeper into the topics introduced in Level I, focusing on theory, diagnosis, treatment planning, and skills development. Students continue to observe clinical practice throughout Level II, and begin supervised clinical work. Each student trains at the on-campus faculty-supervised clinic and at the off-campus Community Clinic Sites. Near the end of this level, each student will take the Level II Comprehensive Exam. Upon passing the exam, the student may begin the expanded clinical portion of the program.

LEVEL III

Level III begins with a three-day off-campus retreat, which serves as a bridge between the academic work of Levels I and II, and the clinical experience of Level III. During the retreat, students reflect on their clinical transition and build community with peers who will practice with them in the faculty-supervised clinic. Over the course of Level III, each student generates a minimum of 10 patients, and completes, under supervision, a minimum of 295 treatments. A portion of the completed treatments will take place in integrative healthcare

settings that may be located off-campus. Each student also performs at least 180 treatments on patients at Community Clinic Sites (begun in Level II). In addition to the increased clinical focus, Level III coursework focuses more deeply on advanced topics in theory, diagnosis, treatment planning, and skills development.

During the final stages of clinic work, each student must pass an oral exam with a panel of senior faculty that demonstrates the student's embodied knowledge and skills in the realm of Chinese medicine. In addition, students must complete evidence-informed case reports, and a more extensive case study, on their own patients. Students may graduate upon completion of all coursework, clinical, and other academic requirements.

COURSE OF STUDY

LEVEL I

[Trimester 1] 13.5 Required Credits

Number	Course Title	Credits
AOM 601	History of Acupuncture and Oriental Medicine	2.00
AOM 611	Foundations of Oriental Medicine I	2.00
AOM 631	Diagnostic Skills I	1.50
AOM 681	Self-Cultivation I	0.50
APP 612	Becoming a Healing Presence: Healership	1.50
APP 613	Becoming a Healing Presence I	1.50
IHM 611	Practice Management: Ethics for the Wellness Professional	1.50
ISCI 640	Clinical Anatomy: Regional and Surface Anatomy	3.00
MUIH 500	University Wide Orientation for New Students	0.00
MUIH 550	Academic Research and Scholarship	0.00

[Trimester 2] 15 Required Credits

Number	Course Title	Credits
AOM 612A	Foundations of Oriental Medicine II	2.00
AOM 612B	Constitutional Five Element Acupuncture I	2.00
AOM 622	Point Location I	3.00
AOM 632	Diagnostic Skills II	1.00
AOM 682	Self-Cultivation II	0.50
APP 614	Becoming a Healing Presence II	1.50
ISCI 548	Western Physiology for Chinese Medical Practitioners	3.00
ISCI 754	Biomedicine: Safe Practices	2.00

LEVEL II

[Trimester 3] 15 Required Credits

Number	Course Title	Credits
AOM 613A	Foundations of Oriental Medicine III	1.50
AOM 613B	Constitutional Five Element Acupuncture II	2.50
AOM 623	Point Location II	3.00
AOM 633	Diagnostic Interaction	1.25
AOM 643	Treatment Skills I	1.00
AOM 653	Clinical Observation I	0.75
AOM 690A	Introduction to Community Acupuncture and Supervised Community Practice I	0.50

APP 615	Becoming a Healing Presence III: The Power of Rapport and Skillful Inquiry	1.50
RSCH 601	Research Literacy in Integrative Health	3.00

[Trimester 4] 12.75 Required Credits

Number	Course Title	Credits
AOM 014	Five Element Project	0.00
AOM 095	Orientation to Clinical Practice	0.00
AOM 614	Patterns of Disharmony I	2.00
AOM 614B	Visiting Scholar Intensive I	1.00
AOM 624	Point Location III	3.00
AOM 634A	Clinical Intake: Interview and Exam	2.50
AOM 634B	Diagnostic Skills Lab I	0.75
AOM 654	Clinical Observation II	0.75
AOM 683	Self-Cultivation III	0.50
AOM 690B	Supervised Community Practice II	0.25
NUTR 676	Chinese and Western Nutrition Therapy	2.00

[Trimester 5] 13.25 Required Credits

Number	Course Title	Credits
AOM 615A	Patterns of Disharmony II	2.00
AOM 615B	Treatment Planning and Design	2.00
AOM 615C	Point Functions and Applications	3.00
AOM 625	Point Location IV	2.00
AOM 635	Diagnostic Skills Lab II	0.50
AOM 645	Clinical Theatre Lab	0.50
AOM 655	Clinical Theatre	1.00
AOM 685	Self-Cultivation IV	0.50
AOM 690C	Supervised Community Practice II	0.25
AOM 6EXI	AOM Comprehensive Exam Level Two	0.00
AOM 790C5	Supervised Clinical Practice	0.50
IHM 660	Practice Management: The Practice and Business of Oriental Medicine I	1.00

LEVEL III**[Trimester 6] 13 Required Credits**

Number	Course Title	Credits
AOM 096	Pre-Clinic Retreat	0.00
AOM 665	Physiology III: Integration with Oriental Medicine	1.00
AOM 726	Point Location V	2.00
AOM 746	Transforming and Healing Emotions	1.00
AOM 776A*	Five Element Theory Integration Intensive I	0.50
AOM 790B6	Supervised Clinical Practice: Core Group	1.00
AOM 790C6	Supervised Clinical Practice	1.50
APP 616	Becoming a Healing Presence IV	1.50
IHM 661	Practice Management: The Practice and Business of Oriental Medicine II	1.50
ISCI 648	Western Pathophysiology for Chinese Medical Practitioners	3.00

*AOM 776A is taken in Trimester 6 for fall intakes and 5 for spring intakes.

[Trimester 7] 12 Required Credits

Number	Course Title	Credits
AOM 717A	A Visiting Scholar Intensive II	1.00

AOM 717B	Advanced Treatment Planning	2.00
AOM 747	Advanced Treatment Skills	0.75
AOM 776B*	Five Element Theory Integration Intensive II	0.50
AOM 790B7	Supervised Clinical Practice: Core Group	1.00
AOM 790C7	Supervised Clinical Practice	3.25
IHM 762	Practice Management: The Practice and Business of Oriental Medicine III	1.50
ISCI 758A	Biomedicine: Integration of Acupuncture and Oriental Medicine I	2.00

*AOM 776B is taken in Trimester 7 for fall intakes and 6 for spring intakes.

[Trimester 8] 13 Required Credits

Number	Course Title	Credits
AOM 748	Special Clinical Techniques of Chinese Medicine	0.75
AOM 790B8	Supervised Clinical Practice: Core Group	1.00
AOM 790C8	Supervised Clinical Practice	5.75
FPD 850	Interdisciplinary Diagnosis and Treatment	0.50
IHM 763	Practice Management: The Practice and Business of Oriental Medicine IV	2.00
ISCI 758B	Biomedicine: Integration of Acupuncture and Oriental Medicine II	3.00

[Trimester 9] 14.75 Required Credits

Number	Course Title	Credits
AOM 758	Clinical Observations: Case Presentations	1.00
AOM 790B9	Supervised Clinical Practice: Core Group	1.00
AOM 790C9	Supervised Clinical Practice	5.75
AOM 794	Collaborative Care	2.00
AOM 7EXI	AOM Oral Exam Level Three	0.00
APP 710	Becoming a Healing Presence V	1.50
FPD 850	Interdisciplinary Diagnosis and Treatment	0.50

Choose 3.0 credits from the following AOM 719A courses:

AOM 719A1	Pain Management in Oriental Medicine	3.00
AOM 719A2	Women's Health in Oriental Medicine	3.00
AOM 719A3	Advanced Constitutional Five Element Acupuncture	3.00

[Trimesters 10 and 11] 19 Required Credits

Number	Course Title	Credits
FPD 779	Point Functions	2.00
FPD 781	Qi Cultivation	1.50
FPD 810	Case Reports in Chinese Medicine	3.00
FPD 850	Interdisciplinary Diagnosis and Treatment	0.50
IHED 777	Health Care Systems: From Macro to Micro	3.00
IHM 768	Advanced Practice Management	2.00
ISCI 752	Advanced Diagnostic Studies	3.00

Choose 4.0 credits from the following doctoral clinic courses:

0-2 credits from FPD 790ad and FPD 790ae, 2-4 credits from FPD 790id, FPD 790x1, and FPD 790x2.

FPD790ad	Supervised Advanced Clinical Practice 2.0	2.00
FPD790ae	Supervised Advanced Clinical Practice 1.0	1.00
FPD790id	Integrative Case Discussion and Treatment	1.00

FPD790x1	External Integrative Clinical Partnership	1.00
FPD790x2	External Integrative Clinical Partnership	2.00

ADDITIONAL REQUIRED COURSEWORK

Flex Core and Bioscience Elective courses are required but students may elect when to complete them. All courses may not be offered each trimester. Refer to the [Schedule of Courses](#) each trimester for registration.

[Flex Core Coursework] 6 Required Credits

Students may complete ISCI 615 in Trimesters 2 through 9, ISCI 636 in Trimesters 4 through 9, and AOM 719 in Trimesters 7 through 9.

Number	Course Title	Credits
AOM 719	Theory: NCCAOM Exam Preparation	0.00
ISCI 615	Mind Body Science	3.00
ISCI 636	Integrative Science of Acupuncture	3.00

[Bioscience Electives] 3 Required Credits

Choose 3.00 credits from the following courses. Elective offerings vary by trimester and are subject to change

Number	Course Title	Credits
IHED 637	Principles and Practices of Health Behavior and Self-Care	1.50
ISCI 630A	Survey of Complementary Health Approaches	3.00
ISCI 631	Introduction to Complementary and Integrative Health	1.50
ISCI 667	Science of Addiction	3.00
ISCI 671	Physical Activity and Health	3.00
NUTR 602	Nutrition: Food and Balance	2.00
NUTR 613	Human Nutrition: Macronutrients and Micronutrients	3.00
NUTR 614	Human Nutrition I: Macronutrients	3.00
RSCH 610	Introduction to Scientific Writing	1.50

Total Program Credits for Doctor of Acupuncture	150.25
Total Program Hours	2805.00

Program hours are based on the following formula for credit hour conversion:

- 15 hours (lecture) =1 semester credit
- 30 hours (lab) =1 semester credit
- 45 hours (independent study) =1 semester credit

ADMISSION REQUIREMENTS

To be considered for admission to all graduate programs, applicants must have a bachelor's degree from a regionally accredited institution.* Please refer to the Application Requirements section for a detailed list of required application materials. Applicants must submit an official transcript from all post-secondary institutions attended.

MUIH's Doctor of Acupuncture is a First Professional Doctorate degree. A student may enter the program with a bachelor's degree; a graduate degree is not required for admission.

* If the bachelor's degree was not completed at a college or university accredited by a regional accrediting body, or recognized by the U.S. Department of Education, copies of the institution's academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

HEALTH REQUIREMENTS

Students must meet certain health requirements to participate in the clinical phase of this program. For specific requirements, please refer to the Health, Training, and Other Requirements section of the catalog.

PROGRAM FORMAT

The Doctor of Acupuncture Program is a hybrid program with primarily on-campus courses and some online courses.

The program is designed to be completed in three years and eight months across 11 trimesters with a 14-week schedule per trimester. An additional week is designated for makeup classes, if necessary. Students are allowed to progress at a more moderate pace and extend their clinical practice beyond trimester 11.

For programs that begin in the fall, class times are generally 8:45 a.m.–5 p.m. on Thursdays and Fridays. For programs that begin in the spring, class times are generally 8:45 a.m.–5 p.m. on Mondays and Tuesdays. Upper-level, doctoral-only courses occurring in trimester 8 and later are primarily weekend-based when on campus or offered online.

There are occasional scheduling exceptions for intensives, electives, non-credit requirements, and other special courses as described below. Students must plan ahead to clear work schedules and commitments to be available to attend all courses as required.

Online courses offer flexibility for the student, and run asynchronously throughout each trimester. The syllabus for each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. More information about MUIH's online format is available at www.muih.edu.

INTENSIVES

The program begins with a three-day intensive and has a few weekend intensives throughout the 13 trimesters. Most weekend intensives are 9 a.m.–5:30 p.m. on Saturday and Sunday. See www.muih.edu for more information.

ELECTIVES

Elective course offerings are typically bioscience (ISCI)

courses held Mondays 6–9 p.m., Wednesdays 9 a.m.–12 p.m., and weekends (generally two weekends consisting of Friday evening and all day Saturday and Sunday), with some online availability. Offerings vary by trimester.

NON-CREDIT REQUIREMENTS

This program includes nine non-credit requirements, which will be explained in greater detail in the first and second trimesters:

- Acupuncture Treatment: Students are required to receive ongoing acupuncture treatment
- AOM 014 Five Element Project
- AOM 095 Orientation to Clinical Practice
- AOM 096 Pre Clinic Retreat
- AOM 6EXI AOM Comprehensive Exam Level Two
- AOM 719 Theory: NCCAOM Exam Preparation
- AOM 7EXI AOM Oral Exam Level Three
- MUIH 500 University Wide Orientation for New Students
- MUIH 550 Academic Research and Scholarship

ADDITIONAL INFORMATION LAWS AND LICENSURE

Completion of the Doctor of Acupuncture does not automatically qualify graduates to begin practicing independently. Each state, including Maryland, has specific licensure or registration procedures that must be met. There may be a waiting period between the completion of the program and the legal recognition allowing the graduate to begin practice. Until a graduate receives official notification of legal recognition to begin practice, she or he may continue to practice only under faculty supervision. Students who wish to continue to practice in Maryland after graduating, but prior to being licensed, must enroll in MUIH's Trainee Program.

Most states require successful completion of the National Certification Commission for Acupuncture and Oriental Medicine exam. For more information, refer to www.nccaom.org.

Graduates wishing to practice in Maryland may be licensed by applying to the Maryland Board of Acupuncture.

MUIH is approved by the Maryland Higher Education Commission to award the Doctor of Acupuncture degree, and the program conforms to Maryland laws and regulations regarding the practice of acupuncture.

GENERAL

Governmental laws, regulations, legal opinions, and requirements differ from country to country and state to state. The University cannot provide assurance that completion of the program will qualify a graduate to be registered or accepted under a state law other

than Maryland. However, the University's Doctor of Acupuncture program is designed to provide basic, solid competence in traditional acupuncture.

MARYLAND ACUPUNCTURE LICENSES

For requirements for licensure in Maryland, contact:

■ Maryland Board of Acupuncture

4201 Patterson Avenue, Room 311
Baltimore, MD 21215
410-764-4766 or 800-530-2481
dhmh.state.md.us/bacc

STATE OF CALIFORNIA

Qualified MUIH alumni who have completed the following course of study required by the California Acupuncture Board are currently eligible to take the CA Acupuncture Licensing Examination.

Effective January 1, 2005, the California Acupuncture Licensing Examination requires students to complete a total of 3000 hours (2050 hours of didactic instruction and 950 hours of clinical instruction) in the following areas:

Basic Sciences	350
<i>to include: Anatomy, Physiology, Chemistry, Biochemistry, Physics, Biology, Nutrition, Pathology and Pathophysiology</i>	
Oriental Medicine Principals and Treatment	1255
<i>to include 450 hours of instruction in Chinese Herbal Medical Principles and Theory</i>	
Clinical Medicine, Patient Assessment and Diagnosis	240
Case Management	90
Practice Management	45
Public Health	40
Professional Development	30
Clinical Practice	950

Students who wish to take the California Acupuncture Licensing Examination must complete the following additional requirements. Please note that these requirements are above and beyond what is required to complete MUIH's Doctorate of Acupuncture degree program and that there may be some additional fees associated with completion of these requirements:

- Chinese Herbal Certificate: 450 hours of didactic instruction and 210 hours of clinical instruction
- AOM CA701 California Supplemental Information I
- AOM CA702 California Supplemental Information II
- AOM 794 Collaborative Care
- CPR: A minimum of eight (8) hours in first aid and adult/child CPR from the American Red Cross, American Heart Association or other organization with an equivalent course approved by the California Acupuncture Board

- Self-identified California tracked students must comply with California supervisory requirements by treating on specified California tracked treatment slots.
- Recommended elective coursework: ISCI 667 Science of Addiction

The Integrative Health Sciences department at MUIH provides most of the California-required science coursework within the core science courses in the Doctor of Acupuncture program. MUIH reviews California's requirements on an ongoing basis and adjusts course offerings as needed.

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Sacramento, CA 95834
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600 Wyndhurst Ave, Suite 112
Baltimore, MD 21210
410-464-6040
www.ccaom.org

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- **Accreditation Commission for Acupuncture and Oriental Medicine**
8941 Aztec Drive
Eden Prairie, MN 55347
952-212-2434
www.acaom.org

NATIONAL CERTIFICATION COMMISSION FOR ACUPUNCTURE AND ORIENTAL MEDICINE (NCCAOM)

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■ **National Certification Commission for Acupuncture and Oriental Medicine**

76 S. Laura Street, Suite 1290
Jacksonville, FL 32202
904-598-1005
info@nccaom.org
www.nccaom.org

AMERICAN ASSOCIATION OF ACUPUNCTURE AND ORIENTAL MEDICINE (AAAOM)

AAAOM is a national membership organization dedicated to promoting excellence and integrity in the professional practice of acupuncture and Oriental medicine, in order to enhance public health and well-being. The AAAOM is committed to high ethical and educational standards and to ensuring the safety of the public. As part of its purpose, the AAAOM seeks to advance the professional field of acupuncture and Oriental medicine and to educate and serve as a resource to legislators, regulators, and the general public regarding the nature and scope of the practice of acupuncture and Oriental medicine.

■ **American Association of Acupuncture and Oriental Medicine**

9650 Rockville Pike
Bethesda, MD 20814
866-455-7999
www.aaaomonline.org

DOCTOR OF ORIENTAL MEDICINE

PROGRAM OVERVIEW

The Doctor of Oriental Medicine degree is one of four Master's and Doctoral programs offered in Acupuncture and Oriental Medicine. All four programs prepare students to achieve full clinical competency in acupuncture and to become highly skilled, integrative acupuncturists. Each program has unique characteristics that prepare students for different career tracks and aspirations.

All of MUIH's acupuncture and Oriental Medicine programs blend acupuncture approaches from two healing traditions, Constitutional Five Element Acupuncture (CFEA) and Traditional Chinese Medicine (TCM), with contemporary science as the basis for treating the whole person. The programs provide a comprehensive understanding of the classical and theoretical foundations of the field of acupuncture, and introduce students to biomedicine from an integrative and holistic perspective. They emphasize self-cultivation and healership through a curriculum that is rigorous, transformative, and relationship-centered. By drawing upon ancient wisdom and the gifts of nature students will learn to choose their words and actions intentionally in order to be a healing presence that supports their patients. These programs develop highly skillful and compassionate practitioners who offer acupuncture as a catalyst for healing and wellness, as well as for increased self-awareness and personal transformation. Additionally, the programs provide a solid foundation in career development, practice management, and the business skills necessary to build a practice or enter the workforce and participate in today's growing healthcare field.

The Doctor of Oriental Medicine (DOM) degree integrates the Doctor of Acupuncture curriculum with a deep concentration in the study of Chinese Herbs, and prepares graduates to meet the growing need and opportunities for well-trained Chinese medical practitioners to serve in numerous types of integrative medicine settings across the country. It prepares students to be integrative practitioners who can seamlessly weave acupuncture and Chinese herbs into clinical treatment plans, and bring their research literacy, advanced diagnostic studies, systems-based medicine skills and knowledge to bear in a multitude of clinical environments, including integrative healthcare settings alongside practitioners in allopathic and other complementary health fields. As a graduate of this program, you will be recognized as a doctor, both professionally and publicly, and will be prepared to work

as a vital part of multidisciplinary healthcare team. The program consists of:

- A curriculum consisting of 198.5 credits that can be completed in four years (13 consecutive trimesters).
- Foundational clinical acupuncture experience consisting of 30 observations, 125 primary treatments, 125 secondary treatment, and 23 community health initiative treatments.
- Advanced clinical acupuncture experience consisting of 120 hours of evidence informed treatment, integrative clinic, or integrative case discussions.
- Clinical Chinese herb experience consisting of 40 primary treatments and 65 secondary treatments.
- The opportunity to gain practical experience in prescribing Chinese herbs, and the management of a Chinese herbal dispensary.
- The opportunity to experience integrative practices in at least one of several possible conventional healthcare settings.
- The opportunity to enhance and deepen one's practice by sharpening diagnostic skills and additional specialization to confidently treat specific populations.

LEARNING OUTCOMES

Students who complete the program will be able to:

- Apply a comprehensive and integrated understanding of the classical and theoretical foundations of the field of acupuncture.
- Apply an understanding of biomedicine from an integrative and holistic perspective.
- Develop a healing presence and healing connection between the patient and practitioner.
- Articulate an understanding of the origin of symptoms and the direction and progression of conditions.
- Develop and provide individualized acupuncture treatment plans that address overall health and wellness and bring about effective relief for physical pain conditions, chronic illness, particular physical, mental, and emotional conditions, and spiritual issues in their patients.
- Translate western medical conditions into Chinese medicine diagnosis and treatment.
- Participate in a fully holistic system of diagnosis and treatment, addressing all levels of being.
- Apply business and practice management skills to ensure success as they enter the workforce.
- Develop and provide individualized and integrated acupuncture and Chinese herbal medicine treatment plans that address overall health and wellness and bring about effective relief for physical pain conditions,

chronic illness, particular physical, mental, and emotional conditions, and spiritual issues in their patients.

- Prescribe and dispense Chinese herbs as part of an integrated treatment plan.
- Apply an understanding of various modalities and specialties and how to collaborate with those practitioners.
- Use evidence-informed practices with patients.
- Confidently interview and speak with other healthcare providers about acupuncture and Oriental medicine.
- Participate and inform innovation occurring in acupuncture practice.

CURRICULUM OVERVIEW

Students progress through three levels of training, each with a specific focus that guides program goals and objectives. The trimesters flow and build from one to the next, and the coursework is sequenced to provide a rich and transformative educational experience.

LEVEL I

Level I begins with an intensive course on healership that introduces students to the art, practice, and science of being a healing presence. Students are introduced to MUIH's foundational philosophical principles, living within the rhythms of nature, living with mindfulness and the skillful and purposeful use of language as tools for being a powerful healing presence and catalyst for change. This intensive is followed by coursework designed to open up the power of observation and sensory awareness. Other topics in Level I include:

- The foundational laws and theories that underpin the field of acupuncture and oriental medicine
- Diagnostic skills development
- Rapport-building skills development
- Surface anatomy and point location
- History of acupuncture and an introduction to the classical texts
- Ethics
- Orientation to information literacy
- Philosophy, practice, and therapeutic application of qi through the study of classical self-cultivation practices (such as Tai Ji, Qi Gong, and Daoist meditation)

LEVEL II

Level II coursework delves deeper into the topics introduced in Level I, focusing on theory, diagnosis, treatment planning, and skills development. Students continue to observe clinical practice throughout Level II, and begin supervised clinical work. Each student trains at the on-campus faculty-supervised clinic and at the off-campus Community Clinic Sites. Near the end of this level, each student will take the Level II Comprehensive

Exam. Upon passing the exam, the student may begin the expanded clinical portion of the program.

LEVEL III

Level III begins with a three-day off-campus retreat, which serves as a bridge between the academic work of Levels I and II, and the clinical experience of Level III. During the retreat, students reflect on their clinical transition and build community with peers who will practice with them in the faculty-supervised clinic. Over the course of Level III, each student generates a minimum of 10 patients, and completes, under supervision, a minimum of 295 treatments. A portion of the completed treatments will take place in integrative healthcare settings that may be located off-campus. The Chinese herbs clinic consists of 210 hours, including direct diagnostic calibration treatment planning, and extensive practical dispensary training. Each student also performs at least 180 treatments on patients at Community Clinic Sites (begun in Level II). In addition to the increased clinical focus, Level III coursework focuses more deeply on advanced topics in theory, diagnosis, treatment planning, and skills development.

During the final stages of clinic work, each student must pass an oral exam with a panel of senior faculty that demonstrates the student's embodied knowledge and skills in the realm of Chinese medicine. In addition, students must complete evidence-informed case reports, and a more extensive case study, on their own patients. Students may graduate upon completion of all coursework, clinical, and other academic requirements.

COURSE OF STUDY

LEVEL I

[Trimester 1] 13.5 Required Credits

Number	Course Title	Credits
AOM 601	History of Acupuncture and Oriental Medicine	2.00
AOM 611	Foundations of Oriental Medicine I	2.00
AOM 631	Diagnostic Skills I	1.50
AOM 681	Self-Cultivation I	0.50
APP 612	Becoming a Healing Presence: Healership	1.50
APP 613	Becoming a Healing Presence I	1.50
IHM 611	Practice Management: Ethics for the Wellness Professional	1.50
ISCI 640	Clinical Anatomy: Regional and Surface Anatomy	3.00
MUIH 500	University Wide Orientation for New Students	0.00
MUIH 550	Academic Research and Scholarship	0.00

[Trimester 2] 15 Required Credits

Number	Course Title	Credits
AOM 612A	Foundations of Oriental Medicine II	2.00
AOM 612B	Constitutional Five Element Acupuncture I	2.00
AOM 622	Point Location I	3.00

AOM 632	Diagnostic Skills II	1.00
AOM 682	Self-Cultivation II	0.50
APP 614	Becoming a Healing Presence II	1.50
ISCI 548	Western Physiology for Chinese Medical Practitioners	3.00
ISCI 754	Biomedicine: Safe Practices	2.00

LEVEL II

[Trimester 3] 15 Required Credits

Number	Course Title	Credits
AOM 613A	Foundations of Oriental Medicine III	1.50
AOM 613B	Constitutional Five Element Acupuncture II	2.50
AOM 623	Point Location II	3.00
AOM 633	Diagnostic Interaction	1.25
AOM 643	Treatment Skills I	1.00
AOM 653	Clinical Observation I	0.75
AOM 690A	Introduction to Community Acupuncture and Supervised Community Practice I	0.50
APP 615	Becoming a Healing Presence III: The Power of Rapport and Skillful Inquiry	1.50
RSCH 601	Research Literacy in Integrative Health	3.00

[Trimester 4] 12.75 Required Credits

Number	Course Title	Credits
AOM 014	Five Element Project	0.00
AOM 095	Orientation to Clinical Practice	0.00
AOM 614	Patterns of Disharmony I	2.00
AOM 614B	Visiting Scholar Intensive I	1.00
AOM 624	Point Location III	3.00
AOM 634A	Clinical Intake: Interview and Exam	2.50
AOM 634B	Diagnostic Skills Lab I	0.75
AOM 654	Clinical Observation II	0.75
AOM 683	Self-Cultivation III	0.50
AOM 690B	Supervised Community Practice II	0.25
NUTR 676	Chinese and Western Nutrition Therapy	2.00

[Trimester 5] 13.25 Required Credits

Number	Course Title	Credits
AOM 615A	Patterns of Disharmony II	2.00
AOM 615B	Treatment Planning and Design	2.00
AOM 615C	Point Functions and Applications	3.00
AOM 625	Point Location IV	2.00
AOM 635	Diagnostic Skills Lab II	0.50
AOM 645	Clinical Theatre Lab	0.50
AOM 655	Clinical Theatre	1.00
AOM 685	Self-Cultivation IV	0.50
AOM 690C	Supervised Community Practice II	0.25
AOM 6EXI	AOM Comprehensive Exam Level Two	0.00
AOM 790C5	Supervised Clinical Practice	0.50
IHM 660	Practice Management: The Practice and Business of Oriental Medicine I	1.00

LEVEL III

[Trimester 6] 13 Required Credits

Number	Course Title	Credits
AOM 096	Pre-Clinic Retreat	0.00
AOM 665	Physiology III: Integration with Oriental Medicine	1.00
AOM 726	Point Location V	2.00
AOM 746	Transforming and Healing Emotions	1.00
AOM 776A*	Five Element Theory Integration Intensive I	0.50
AOM 790B6	Supervised Clinical Practice: Core Group	1.00
AOM 790C6	Supervised Clinical Practice	1.50
APP 616	Becoming a Healing Presence IV	1.50
IHM 661	Practice Management: The Practice and Business of Oriental Medicine II	1.50
ISCI 648	Western Pathophysiology for Chinese Medical Practitioners	3.00

*AOM 776A is taken in Trimester 6 for fall intakes and 5 for spring intakes.

[Trimester 7] 12 Required Credits

Number	Course Title	Credits
AOM 717A	A Visiting Scholar Intensive II	1.00
AOM 717B	Advanced Treatment Planning	2.00
AOM 747	Advanced Treatment Skills	0.75
AOM 776B*	Five Element Theory Integration Intensive II	0.50
AOM 790B7	Supervised Clinical Practice: Core Group	1.00
AOM 790C7	Supervised Clinical Practice	3.25
IHM 762	Practice Management: The Practice and Business of Oriental Medicine III	1.50
ISCI 758A	Biomedicine: Integration of Acupuncture and Oriental Medicine I	2.00

*AOM 776B is taken in Trimester 7 for fall intakes and 6 for spring intakes.

[Trimester 8] 20.5 Required Credits

Number	Course Title	Credits
AOM 748	Special Clinical Techniques of Chinese Medicine	0.75
AOM 790B8	Supervised Clinical Practice: Core Group	1.00
AOM 790C8	Supervised Clinical Practice	5.75
CHP 623A*	Chinese Herbal Medicine Theory I	4.50
FPD 850	Interdisciplinary Diagnosis and Treatment	0.50
HRB 645	Foundations of Toxicology and Herb-Drug Interactions	3.00
IHM 763	Practice Management: The Practice and Business of Oriental Medicine IV	2.00
ISCI 758B	Biomedicine: Integration of Acupuncture and Oriental Medicine II	3.00

Chinese Herbs courses (CHP):

fall intakes begin this series of courses in Trimester 8. Spring intakes begin this series of courses in Trimester 7.

[Trimester 9] 18.5 Required Credits

Number	Course Title	Credits
AOM 7EXI	AOM Oral Exam Level Three	0.00
AOM 758	Clinical Observations: Case Presentations	1.00
AOM 790B9	Supervised Clinical Practice: Core Group	1.00

AOM 790C9	Supervised Clinical Practice	5.75
AOM 794	Collaborative Care	2.00
APP 710	Becoming a Healing Presence V	1.50
CHP 623B	Five Element Theory and Herbal Integration I	3.00
CHP 731A	Clinical Thought Process	0.50
CHP 642B	Clinical Theory in Practice II	0.25
FPD 850	Interdisciplinary Diagnosis and Treatment	0.50

Choose 3.0 credits from the following AOM719A courses:

AOM 719A1	Pain Management in Oriental Medicine	3.00
AOM 719A2	Women's Health in Oriental Medicine	3.00
AOM 719A3	Five Element Clinical Intensive	3.00

[Trimester 10] 5.5 Required Credits

Number	Course Title	Credits
CHP 623C	Five Element Theory and Herbal Integration II	5.00
CHP 642C	Clinical Theory in Practice III	0.50

[Trimester 11] 6.75 Required Credits

Number	Course Title	Credits
CHP 711A	Chinese Herbal Medicine Theory II	3.50
CHP 721A	Clinical Internship	2.00
CHP 731B	Clinical Thought Process	0.50
CHP 770A	Pharmacy Practicum	0.25
CHP 780A	Core Group I	0.50

[Trimester 12] 7.5 Required Credits

Number	Course Title	Credits
CHP 711B	Chinese Herbal Medicine Theory II	4.50
CHP 721B	Clinical Internship	2.50
CHP 770B	Pharmacy Practicum	0.25
CHP 780B	Core Group II	0.25

[Trimester 13] 8 Required Credits

Number	Course Title	Credits
CHP 711C	Chinese Herbal Medicine Theory II	4.75
CHP 721C	Clinical Internship	2.50
CHP 770C	Pharmacy Practicum	0.50
CHP 780C	Core Group III	0.25

[Trimesters 10-13] 19 Required Credits

Number	Course Title	Credits
FPD 779	Point Functions	2.00
FPD 781	Qi Cultivation	1.50
FPD 810	Case Reports in Chinese Medicine	3.00
FPD 850	Interdisciplinary Diagnosis and Treatment	0.50
IHED 777	Health Care Systems: From Macro to Micro	3.00
IHM 768	Advanced Practice Management	2.00
ISCI 752	Advanced Diagnostic Studies	3.00

Choose 4.0 credits of the following doctoral clinic courses*

FPD790ad	Supervised Advanced Clinical Practice 2.0	2.00
FPD790ae	Supervised Advanced Clinical Practice 1.0	1.00
FPD790id	Integrative Case Discussion and Treatment	1.00

FPD790x1	External Integrative Clinical Partnership	1.00
FPD790x2	External Integrative Clinical Partnership	2.00
<i>*Doctoral clinic: 0-2 credits from FPD 790ad and FPD790ae; 2-4 credits from FPD 790id, FPD790 x1, and FPD 790x2.</i>		

ADDITIONAL REQUIRED COURSEWORK

Flex Core and Bioscience Elective courses are required but students may elect when to complete them. All courses may not be offered each trimester. Refer to the [Schedule of Courses](#) each trimester for registration.

[Flex Core Coursework] 7 Required Credits

Students may complete ISCI 615 in trimesters 2 through 9, ISCI 636 in trimesters 4 through 9, and AOM 719 in trimesters 7 through 9.

Number	Course Title	Credits
AOM 716	Writing a Case Report	1.00
AOM 719	Theory: NCCAOM Exam Preparation	0.00
ISCI 615	Mind Body Science	3.00
ISCI 636	Integrative Science of Acupuncture	3.00

[Bioscience Electives] 3 Required Credits

Choose 3.00 credits from the following courses. Elective offerings vary by trimester and are subject to change.

Number	Course Title	Credits
IHED 637	Principles and Practices of Health Behavior and Self-Care	1.50
ISCI 630A	Survey of Complementary Health Approaches	3.00
ISCI 631	Introduction to Complementary and Integrative Health	1.50
ISCI 667	Science of Addiction	3.00
ISCI 671	Physical Activity and Health	3.00
NUTR 602	Nutrition: Food and Balance	2.00
NUTR 613	Human Nutrition: Macronutrients and Micronutrients	3.00
NUTR 614	Human Nutrition I: Macronutrients	3.00
RSCH 610	Introduction to Scientific Writing	1.50

Total Program Credits for Doctor of Oriental Medicine	190.25
Total Program Hours	3,717.00

Program hours are based on the following formula for credit hour conversion:

- 15 hours (lecture) =1 semester credit
- 30 hours (lab) =1 semester credit
- 45 hours (independent study) =1 semester credit

ADMISSION REQUIREMENTS

To be considered for admission to all graduate academic programs, applicants must have a bachelor's degree from a regionally accredited institution.* Applicants must submit an official transcript from all post-secondary institutions attended. Please refer to the Application Requirements section for a detailed list of required application materials.

MUIH's Doctor of Oriental Medicine is a First Professional Doctorate degree. A student may enter the program with a bachelor's degree; a graduate degree is not required for admission.

* If the bachelor's degree was not completed at a college or university accredited by a regional accrediting body, or recognized by the U.S. Department of Education, copies of the institution's academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

HEALTH REQUIREMENTS

Students must meet certain health requirements to participate in the clinical phase of this program. For specific requirements, please refer to the Health, Training, and Other Requirements section of the catalog.

PROGRAM FORMAT

The Doctor of Oriental Medicine (D.O.M.) is a hybrid program with primarily on-campus courses and some online courses. The program can be completed in four years and four months across 13 trimesters with a 14-week schedule per trimester. An additional week is designated for makeup classes, if necessary. Students may complete the program in as few as 11 trimesters in an accelerated format. Students seeking this option must contact their academic advisor at the start of trimester 3 to apply.

For programs that begin in the fall, class times are generally 8:45 a.m. –5 p.m. on Thursdays and Fridays. For programs that begin in the spring, class times are generally 8:45 a.m. –5 p.m. on Mondays and Tuesdays. Upper-level, doctoral-only courses occurring in trimester 8 and later are primarily weekend-based when on campus or offered online.

There are occasional scheduling exceptions for intensives, electives, non-credit requirements, and other special courses as described below. Students must plan ahead to clear work schedules and commitments to be available to attend all courses as required. Online courses offer flexibility for the student, and run asynchronously throughout each trimester. The syllabus for each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. More information about MUIH's online format is available at www.muih.edu.

CHINESE HERBS COURSES

The Chinese herbs portion of the D.O.M. program consists of 37 credits delivered as two- to three-day weekends (Friday-Sunday), starting in Level III. Please refer to the

Course of Study and the Post-Baccalaureate Certificate in Chinese Herbs for more information.

INTENSIVES

The program begins with a two-week intensive and has a few weekend intensives throughout the nine trimesters. Most weekend intensives are 9 a.m. –5:30 p.m. on Saturday and Sunday. See www.muih.edu for more information.

ELECTIVES

Elective course offerings are typically bioscience (ISCI) courses held Mondays 6–9 p.m., Wednesdays 9 a.m. –12 p.m., and weekends (generally two weekends consisting of Friday evening and all day Saturday and Sunday), with some online availability. Offerings vary by trimester.

NON-CREDIT REQUIREMENTS

This program includes nine non-credit requirements, which will be explained in greater detail in the first and second trimesters:

- Acupuncture Treatment: Students are required to receive ongoing acupuncture treatment
- AOM 014 Five Element Project
- AOM 095 Orientation to Clinical Practice
- AOM 096 Pre-Clinic Retreat
- AOM 6EXI AOM Comprehensive Exam Level Two
- AOM 719 Theory: NCCAOM Exam Preparation
- AOM 7EXI AOM Oral Exam Level Three
- MUIH 500 University Wide Orientation for New Students
- MUIH 550 Academic Research and Scholarship

ADDITIONAL INFORMATION

LAWS AND LICENSURE

Completion of the Doctor of Oriental Medicine program does not automatically qualify graduates to begin practicing independently. Each state, including Maryland, has specific licensure or registration procedures that must be met. There may be a waiting period between the completion of the program and the legal recognition allowing the graduate to begin practice. Until a graduate receives official notification of legal recognition to begin practice, she or he may continue to practice only under faculty supervision. Students who wish to continue to practice in Maryland after graduating, but prior to being licensed, must enroll in MUIH's Trainee Program.

Most states require successful completion of the National Certification Commission for Acupuncture and Oriental Medicine exam. For more information, refer to www.nccaom.org.

Graduates wishing to practice in Maryland may be licensed by applying to the Maryland Board of Acupuncture.

MUIH is approved by the Maryland Higher Education Commission to award a Doctor of Oriental Medicine degree, and the program conforms to Maryland laws and regulations regarding the practice of acupuncture.

GENERAL

Governmental laws, regulations, legal opinions, and requirements differ from country to country and state to state. The University cannot provide assurance that completion of the program will qualify a graduate to be registered or accepted under a state law other than Maryland. However, the University's Doctor of Oriental Medicine program is designed to provide basic, solid competence in traditional acupuncture.

MARYLAND ACUPUNCTURE LICENSES

For requirements for licensure in Maryland, contact:

- **Maryland Board of Acupuncture**
4201 Patterson Avenue, Room 311
Baltimore, MD 21215
410-764-4766 or 800-530-2481
dhmh.state.md.us/bacc

STATE OF CALIFORNIA

Qualified MUIH alumni who have completed the following course of study required by the California Acupuncture Board are currently eligible to take the CA Acupuncture Licensing Examination.

Effective January 1, 2005, the California Acupuncture Licensing Examination requires students to complete a total of 3000 hours (2050 hours of didactic instruction and 950 hours of clinical instruction) in the following areas:

Basic Sciences	350
<i>to include: Anatomy, Physiology, Chemistry, Biochemistry, Physics, Biology, Nutrition, Pathology and Pathophysiology</i>	
Oriental Medicine Principles and Treatment	1255
<i>to include 450 hours of instruction in Chinese Herbal Medical Principles and Theory</i>	
Clinical Medicine, Patient Assessment and Diagnosis	240
Case Management	90
Practice Management	45
Public Health	40
Professional Development	30
Clinical Practice	950

Students who wish to take the California Acupuncture Licensing Examination must complete the following additional requirements. Please note that these requirements are above and beyond what is required to complete MUIH's Doctor of Oriental Medicine degree

program and that there may be additional fees associated with completion of these requirements:

- AOM CA701 California Supplemental Information I
- AOM CA702 California Supplemental Information II
- AOM 794 Collaborative Care
- CPR: A minimum of eight (8) hours in first aid and adult/child CPR from the American Red Cross, American Heart Association or other organization with an equivalent course approved by the California Acupuncture Board
- Self-identified California tracked students must comply with California supervisory requirements by treating on specified California tracked treatment slots.
- Recommended elective coursework: ISCI 667 Science of Addiction

The Integrative Health Sciences department at MUIH provides most of the California-required science coursework within the core science courses in the Doctor of Oriental Medicine program. MUIH reviews California's requirements on an ongoing basis and adjusts course offerings as needed.

If any of the above coursework is to be completed at an institution other than MUIH, the Department Chair of the Acupuncture and Oriental Medicine programs must approve the course. Appropriate documentation must also be submitted to the Office of the Registrar before such coursework may be included in the student's academic file and official transcript. Students planning to seek licensure in California must speak to the Director of Acupuncture programs to insure that their course of study meets all requirements to sit the California Licensing Examination.

A student entering MUIH can use undergraduate bioscience coursework to fulfill California Basic Science Requirements. If the student does not have bioscience courses in their undergraduate degree program, AOM bioscience courses will cover all requirements, with the exception of psychology with counselling skills and organic chemistry including biochemistry. Any student planning to apply to sit the California Acupuncture Licensing Exam will need to complete this coursework while matriculated at MUIH. The face-to-face courses can be taken at MUIH or another accredited college (as approved by the Department Chair).

Please contact the Director of Acupuncture programs or see the California Acupuncture Board website for additional information regarding requirements to sit for the California Acupuncture Licensing Examination.

- **California Acupuncture Board**
1747 N. Market Blvd., Suite 180
Sacramento, CA 95834
916-928-2204
www.acupuncture.ca.gov

REQUIREMENTS OF OTHER STATES

For eligibility to apply for licensure, other states may stipulate additional requirements, such as completion of a course in Chinese herbs or clinical hours beyond what is required by MUIH. For information about licensure procedures in specific states, please contact the medical or acupuncture regulating agency in each state.

RESOURCES

COUNCIL OF COLLEGES OF ACUPUNCTURE AND ORIENTAL MEDICINE (CCAOM)

CCAOM was established in 1982. The primary mission of the Council is to advance acupuncture and Oriental medicine by promoting educational excellence within the field. In furtherance of this mission, the Council supports the development and improvement of educational programs in acupuncture and Oriental medicine, and develops recommended curricula for degree, diploma, and other educational programs. It supports and fosters academic freedom and a diversity of educational approaches within the field. As well, it encourages scientific research, innovative teaching methodology, and faculty development, and provides a forum for discussion of issues relevant to member colleges. The Council also serves as an information resource for member colleges, other colleges and organizations, regulatory agencies, and the public. It encourages ethical business practices among member colleges and works with accreditation, certification, licensing and regulatory agencies to develop appropriate educational standards and requirements. It also promotes increased public access to high quality health care provided by well-trained practitioners of acupuncture and Oriental medicine.

■ Council of Colleges of Acupuncture and Oriental Medicine

600 Wyndhurst Ave, Suite 112
Baltimore, MD 21210
410-464-6040
www.ccaom.org

ACCREDITATION COMMISSION FOR ACUPUNCTURE AND ORIENTAL MEDICINE (ACAOM)

The Board of the CCAOM established ACAOM in 1982. ACAOM, working under existing guidelines for similar accreditation commissions at a national level, acts as an independent body to evaluate schools and colleges of acupuncture and Oriental medicine for the purpose of establishing and maintaining high standards and ethical business practices. The Commission is recognized as a specialized accrediting agency by the U.S. Secretary of Education and the Commission on Recognition of Postsecondary Accreditation.

■ Accreditation Commission for Acupuncture and Oriental Medicine

8941 Aztec Drive
Eden Prairie, MN 55347
952-212-2434
www.acaom.org

NATIONAL CERTIFICATION COMMISSION FOR ACUPUNCTURE AND ORIENTAL MEDICINE (NCCAOM)

NCCAOM, the only nationally recognized certification body in the United States for acupuncture, Chinese herbology, Oriental medicine, and Asian bodywork therapy, was established in 1982. NCCAOM's mission is to establish, assess, and promote recognized standards of competence and safety in acupuncture, Chinese herbology, Asian bodywork therapy, and Oriental medicine for the protection and benefit of the public. The Board of Commissioners consists of nine practitioners who are elected by other diplomates, or are appointed if a vacancy arises midyear. Additionally, the Board includes two public members, who serve to ensure NCCAOM's commitment to the public. Over 16,000 diplomates are currently certified through NCCAOM, which is a member of the National Organization for Competency Assurance, and which is accredited by the National Commission for Certifying Agencies (NCCA).

■ National Certification Commission for Acupuncture and Oriental Medicine

76 S. Laura Street, Suite 1290
Jacksonville, FL 32202
904-598-1005
info@nccaom.org
www.nccaom.org

AMERICAN ASSOCIATION OF ACUPUNCTURE AND ORIENTAL MEDICINE (AAAOM)

AAAOM is a national membership organization dedicated to promoting excellence and integrity in the professional practice of acupuncture and Oriental medicine, in order to enhance public health and well-being. The AAAOM is committed to high ethical and educational standards and to ensuring the safety of the public. As part of its purpose, the AAAOM seeks to advance the professional field of acupuncture and Oriental medicine and to educate and serve as a resource to legislators, regulators, and the general public regarding the nature and scope of the practice of acupuncture and Oriental medicine.

■ American Association of Acupuncture and Oriental Medicine

9650 Rockville Pike
Bethesda, MD 20814
866-455-7999
www.aaaomonline.org

POST-BACCALAUREATE CERTIFICATE IN CHINESE HERBS

PROGRAM OVERVIEW

MUIH's two-year Post-Baccalaureate Certificate in Chinese Herbs integrates classical Chinese medicine with a Constitutional Five Element perspective. The program is rooted in the history of ideas of Chinese herbal medicine from the classics to contemporary practice. Its flexible weekend format is designed for licensed acupuncturists and current acupuncture students. The 37-credit program provides a deep and thorough understanding of Chinese herbs and formulas in the didactic component. Clinical training, consisting of 210 hours, includes direct diagnostic calibration with experienced supervisors and practical dispensary training in MUIH's extensive herbal dispensary. Students also learn advanced specialty topics, including gynecology, dermatology, oncology, gastroenterology, and traumatology. Graduates are confident in their ability to be effective and knowledgeable practitioners of Chinese herbal medicine.

PURPOSE

The Post-Baccalaureate Certificate in Chinese Herbs at MUIH educates effective clinicians. The course of study integrates classical Chinese medicine and Constitutional Five-Element constitutional perspectives into the study of herbal medicine, yielding a uniquely deep and broad vision of the Chinese tradition. Students who have completed the program possess a well-rounded knowledge of the theory and philosophy of Chinese herbal medicine, its rich history, and contemporary applications. The students, taught by some of the brightest clinicians and prominent elders of Chinese herbal medicine in the United States, receive of knowledge and wisdom that carries the Chinese herbal tradition forward into an increasingly prominent place in the current healthcare landscape. Graduates are eligible to sit for the Chinese Herbology certification exam offered by the National Certification Commission for Acupuncture and Oriental Medicine (NCCAOM) and practice confidently, safely, and with compassion.

GOALS

Students who complete the program will

- Attain a working and thorough knowledge of the Chinese herbal Materia Medica and the most commonly used Formulas
- Apply a theoretical framework to analyze medicinal substances (herbal, mineral, animal product)

- Analyze any medical condition and provide a differential diagnosis using theoretical frameworks presented in the program
- Demonstrate knowledge of various specialties of Chinese medicine, theories, and contributions
- Demonstrate broad-based knowledge of the history of Chinese medicine
- Gain an understanding of Chinese dietary therapy
- Obtain the clinical skills and training (diagnosis, formula planning, treatment delivery, and patient management) necessary to become a confident Chinese herbalist

COURSE OF STUDY

37 Required Credits

Number	Course Title	Credits
AOM 776A	Five Element Theory Integration Intensive I	0.50
AOM 776B	Five Element Theory Integration Intensive II	0.50
CHP 623A	Chinese Herbal Medicine Theory I	4.50
CHP 623B	Five Element Theory and Herbal Integration I	3.00
CHP 623C	Five Element Theory and Herbal Integration II	5.00
CHP 642B	Clinical Theory in Practice II	0.25
CHP 642C	Clinical Theory in Practice III	0.50
CHP 711A	Chinese Herbal Medicine Theory II	3.50
CHP 711B	Chinese Herbal Medicine Theory II	4.50
CHP 711C	Chinese Herbal Medicine Theory II	4.75
CHP 721A	Clinical Internship	2.00
CHP 721B	Clinical Internship	2.50
CHP 721C	Clinical Internship	2.50
CHP 731A	Clinical Thought Process	0.50
CHP 731B	Clinical Thought Process	0.50
CHP 770A	Pharmacy Practicum	0.25
CHP 770B	Pharmacy Practicum	0.25
CHP 770C	Pharmacy Practicum	0.50
CHP 780A	Core Group I	0.50
CHP 780B	Core Group II	0.25
CHP 780C	Core Group III	0.25
MUIH 550	Academic Research and Scholarship	0.00

Total Program Credits for the PBC in Chinese Herbs	37.00
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Please note: Some courses in the Chinese Herb Program are currently under review. For further information, please contact MUIH Admissions, admissions@muih.edu.

ADMISSION REQUIREMENTS

To be considered for admission to all graduate academic programs, applicants must have a bachelor's degree from

a regionally accredited institution.* Applicants must submit an official transcript from all post-secondary institutions attended. Please refer to the Application Requirements section for a detailed list of required application materials.

* If the bachelor's degree was not completed at a college or university accredited by a regional accrediting body recognized by the U.S. Department of Education, copies of the institution's academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

ADDITIONAL REQUIREMENTS

Applicants must meet one of the following criteria:

- Graduate of MUIH Master of Acupuncture or Doctor of Acupuncture program
- Current student in MUIH Master of Acupuncture or Doctor of Acupuncture program
- Graduate or current student of an acupuncture or Oriental medicine program that is accredited by, or in candidacy with, the Accreditation Commission for Acupuncture and Oriental Medicine (ACAOM)*
- Currently licensed acupuncturist in the United States who does not fit into any of the above categories
- Professional healthcare provider currently licensed in the United States to practice acupuncture within the scope of a medical practice

*Students currently enrolled in acupuncture programs not at MUIH may be required to submit transcripts to verify completion of prerequisite coursework.

HEALTH REQUIREMENTS

Students must meet certain health requirements to participate in the clinical phase of this program. For specific requirements, please refer to the Health, Training, and Other Requirements section of the catalog.

PROGRAM FORMAT

The Post-Baccalaureate Certificate in Chinese Herbs is a 24-month program offered on campus on weekends. Saturday and Sunday class times are generally 8:30 a.m.–5:30 p.m., with some Friday classes from 8:30 a.m.–4:30 p.m. In the second year, students will begin participating in clinic. Clinic times are available on weekdays and weekends. See www.muih.edu for more information.

ADDITIONAL INFORMATION

LAWS & LICENSURE

Governmental laws, regulations, legal opinions, and requirements differ from country to country and state to state. Please see the Master of Oriental Medicine section of this catalog for additional information.



AYURVE



AYURVEDA DEPARTMENT

- Post-Baccalaureate Certificate in
Ayurvedic Wellness Practices

ADMINISTRATION

Diane Finlayson, M.L.A.

Department Chair

Suzanne Zolnick, M.A.S.

Program Administrator

Matt Mazick

Academic Advisor, Ayurveda

CONTACT THE AYURVEDA DEPARTMENT

410-888-9048 ext. 6663

yoga@muih.edu

DA

POST-BACCALAUREATE CERTIFICATE IN AYURVEDIC WELLNESS PRACTICES

PROGRAM OVERVIEW

Ayurveda (“science of life”) is one of the oldest systems of self-care in the world, with seminal texts dating to the height of the Vedic civilization (circa 2000 B.C.). It focuses on an individual’s relationship with their own body, mind, and spirit, and with the natural world. Its aim is to integrate and balance these aspects to help prevent illness and to promote physical health and well-being, along with the pursuit of a purposeful, meaningful life, in individualized ways. This proactive and relationship-centered approach is designed to re-establish harmony and balance by cleansing the body of substances that can cause sickness, and to integrate and balance the body, mind and spirit.

The Ayurvedic Wellness Practices Post-Baccalaureate Certificate (PBC) program at Maryland University of Integrative Health (MUIH) is well suited to individuals interested in helping themselves and others to support their health and wellness. Ayurveda blends well with modern medicine and other integrative health fields, both philosophically and practically, owing to its inclusivity of multiple perspectives. This program offers graduate-level education that prepares graduates to enhance their professional health care practices with Ayurveda wellness approaches and to apply this healing framework when considering disease prevention and management.

PURPOSE

The Ayurvedic Wellness Practices PBC provides educational and career opportunities for professionals in a variety of integrative and conventional health care and medical fields. It provides graduates with the skills, knowledge, and framework needed to specialize in the wellness therapies used in traditional Ayurveda. It also provides health care and medical professionals with the in-depth working knowledge needed to incorporate Ayurvedic approaches in their primary practice, and to combine it with other modalities such as yoga therapy, nutrition, herbal medicine, naturopathic and conventional medicine, acupuncture, massage therapy, nursing, chiropractic, midwifery, health and wellness coaching, health education, personal training, athletic training, and fitness.

The program provides a comprehensive, in-depth, and working knowledge of the major aspects of traditional Ayurvedic health and wellness therapies including:

- Foundational Ayurvedic principles
- Constitutional and metabolic typology
- Ayurvedic food science
- Yoga, breathing, and meditation skills
- Seasonal rejuvenation and health restorative measures

GOALS

The program provides students:

- Practical exposure to the full array of Ayurvedic modalities
- Present approaches that have garnered Ayurveda the title of “mother of healing”

Graduates will be able to:

- Create Ayurvedic approaches to promote, build, and maintain functional levels of health and vitality in daily life
- Present basic Ayurvedic lifestyle and wellness education to the public
- Apply the principles of Ayurveda to enhance their current professional practice with a unique set of assessment and health promotion skills

COURSE OF STUDY

12 Required Credits

Number	Course Title	Credits
AYUR 630	Foundations of Ayurveda	3.00
AYUR 631	Ayurveda and the Mind	3.00
AYUR 633	Ayurvedic Nutrition and Herbs	3.00
AYUR 635	Ayurvedic Lifestyle Skills and Self-Care	3.00
MUIH 550	Academic Research and Scholarship	0.00
Total Program Credits		12.00

ADMISSION REQUIREMENTS

To be considered for admission to all graduate academic programs, applicants must have a bachelor's degree from a regionally accredited institution.* Applicants must submit an official transcript from all post-secondary institutions attended. Please refer to the Application Requirements section for a detailed list of required application materials.

ADDITIONAL REQUIREMENTS

An entrance essay and professional reference are also required. For further information, contact the Department.

HEALTH REQUIREMENTS

Students may need to meet certain health requirements to participate in this program. For specific requirements, please refer to the Health, Training, and Other Requirements section of the catalog.

PROGRAM FORMAT

The PBC in Ayurvedic Wellness Practices is a fully online 12-credit program that can be completed in one year (three trimesters). Online courses run asynchronously throughout each trimester. For trimester start and end dates, see the Academic Calendar.

Individual student schedules may vary, depending on course selection and student needs and preferences. The syllabus for each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. For more information about MUIH's online format, visit www.muih.edu.

HEALTH AND WELLNESS COACHING





Health and Wellness Coaching Department

- Master of Arts in Health and Wellness Coaching
- Post-Baccalaureate Certificate in Health and Wellness Coaching

ADMINISTRATION

Rebecca O. Pille, Ph.D.

Department Chair

Suzanne Zolnick, M.A.S.

Program Administrator

Melissa Huselton

Academic Advisor

CONTACT THE HEALTH AND WELLNESS COACHING DEPARTMENT

410-888-6782

coaching@muhi.edu

MASTER OF ARTS IN HEALTH AND WELLNESS COACHING

PROGRAM OVERVIEW

The Master of Arts in Health and Wellness Coaching at Maryland University of Integrative Health (MUIH) is at the forefront of one of the top careers of the decade. In this 30-credit program, students gain the knowledge and expertise to become skilled health and wellness coaches who help clients clarify health and wellness goals, leverage their strengths, address challenges in behavior change, implement and sustain life-changing behaviors, and manage both setbacks and progress. Students will focus their interests in one of three areas of concentration: Herbal Studies, Integrative Health Practices, or Nutrition.

The first year of the program develops an understanding of behavior change theories and principles, excellence in core coaching competencies, and the skills necessary to help clients adopt individually-designed attitudes and lifestyle changes most conducive to optimal health and wellness. It also helps students learn to appreciate the wisdom of their own bodies and to help their clients do the same. Finally, it builds a broader view of the health and wellness field as contrasted with the current model of healthcare that focuses on illness and disease. The second year of the program focuses on advanced coaching skills and practice and broadens students' knowledge in one of the integrative health fields (herbal studies, integrative health practices, or nutrition) and the business practices relevant to health and wellness coaching. The curriculum includes evidence-informed models such as Motivational Interviewing, Prochaska's Transtheoretical Model, and Positive Psychology, as well as insights from the emerging field of brain science. While engaged in the study of theoretical models, students also gain the practical skills of building a coaching practice by working one-on-one with clients and developing a business plan.

The Master of Arts degree is both an International Coach Federation (ICF) Approved Coaching Specific Training Hours (ACSTH) program and an approved training program for the International Consortium for Health & Wellness Coaching (ICHWC). All formats—online, on-campus, and hybrid—provide graduates with the coach training hours needed for both ICF and ICHWC credentials, the mentoring hours and Practical Skills Assessment required by ICHWC, and most of the mentoring hours required by ICF. Additional ICF and

ICHWC credentialing requirements can be found on their websites (see below).

PURPOSE

The Master of Arts in Health and Wellness Coaching allows students to earn the highest academic credential currently available in the cutting-edge field of health and wellness coaching. The program provides students with the advanced skills and expertise to help clients clarify and implement health and wellness goals and sustain life-changing behaviors. Further, this program offers students experience in working one-on-one with clients and forms the basis for building a successful practice, to include designing a business plan. Students will develop a broader view of the health and wellness field, in contrast to the disease-focused model of healthcare.

GOALS

The program will enable students to:

- Acquire skills in the use of language, listening, and presence as a way to help clients develop an awareness and understanding of their own goals, values, and motivations, and action plans to bring about behavior change
- Demonstrate the art of evocative and powerful questioning to evoke client self-awareness and effective action
- Demonstrate excellence in active, reflective, and empathetic listening skills
- Demonstrate key skills in collaborating with clients to design and implement personalized health and wellness plans that include accountability measures
- Demonstrate proficiency in the core competencies of the health and wellness coaching field, as established by the ICF and the ICHWC
- Differentiate and apply the various theories, principles, and practices that promote behavior change
- Develop a business plan based upon integrated health management concepts and principles
- Broaden their perspectives of health and wellness in a desired area of concentration
- Commit to carry out their professional responsibilities within their scope of practice, adhering to ethical principles of the profession.

CURRICULUM OVERVIEW

The 30-credit Master of Arts in Health and Wellness Coaching program requires 21 core credits:

- 15 credit hours of foundational courses that make up the Post-Baccalaureate Certificate in Health and Wellness Coaching; and
- 6 coaching class credits:
 - 3-credit advanced coaching course with integrative wellness approaches,
 - 2-credit practice management course that teaches students the skills to build and sustain their own practice or business in coaching, and
 - 1-credit capstone course that supports the integration of coaching skills with content from the chosen area of concentration and scope of practice.

For the remaining nine credits needed for the degree, students choose an area of concentration in Herbal Studies, Integrative Health Practices, or Nutrition.

The Herbal Studies area of concentration is designed for individuals with a keen interest in herbs, wellness, and self-care. This one-of-a-kind program combines modern scientific knowledge with traditional herbal wisdom, using the cycles of nature to guide the integration of herbs into daily life. The program's emphasis on practical skills ensures that students learn to incorporate herbs into food preparation and a healthy diet, and to prepare simple and useful herbal remedies.

The Integrative Health Practices area of concentration offers students an opportunity to learn about the wide range of integrative approaches that are taught at MUIH and to develop into integrative health-focused professionals. This concentration includes courses that expose students to mindfulness, meditation, deep breathing (along with other relaxation and stress management strategies), physical activity, and basic nutrition concepts.

The Nutrition area of concentration offers a unique approach to the study of nutrition that will complement a student's coaching skills, emphasizing the vital and interrelated physiological, medicinal, psychosocial, cultural, and spiritual roles of food in our lives. This concentration allows students to deepen their understanding about this leading health concern.

COURSE OF STUDY

[Core Credits] 21 Required Credits

Number	Course Title	Credits
APP 606	Becoming a Healing Presence	3.0
COA 610	Fundamentals of Health and Wellness Coaching	3.0
COA 616	Theories and Principles of Behavior Change	3.0
COA 620	Applied Healing Strategies	3.0
COA 641	Seminar in Health and Wellness Coaching	1.0
COA 660	Advanced Coaching with Integrative Wellness Approaches	3.0
ISCI 631	Introduction to Complementary and Integrative Health	1.5
IHED 637	Principles and Practices of Health Behavior and Self-Care	1.5
IHM 650	Practice Management in Coaching	2.0
MUIH 500	University Wide Orientation for New Students	0.0
MUIH 550	Academic Research and Scholarship	0.0

[Herbal Studies Concentration] 9 Required Credits

Number	Course Title	Credits
HRB 600	Fundamentals of Herbal Medicine	3.0
HRB 605	Materia Medica I	3.0
HRB 622	Herbal Pharmacy	3.0

Total Program Credits with Herbal Studies Concentration 30.0

[Integrative Health Practices Concentration] 9 Required Credits

Number	Course Title	Credits
APP 700	Mindfulness, Meditation, and Health	3.0
ISCI 671	Physical Activity and Health	3.0
NUTR 602	Nutrition: Food and Balance	3.0

Total Program Credits with Integrative Health Practices Concentration 30.0

[Nutrition Concentration] 8 Required Credits + 1 Elective Credit

Number	Course Title	Credits
NUTR 614	Human Nutrition I: Macronutrients	2.0
NUTR 601	Redefining Nutrition	1.0
NUTR 602	Nutrition: Food and Balance	3.0
NUTR 672	Mindful Eating and Nourishment	2.0

Total of at least one credit chosen from the following (elective offerings vary by trimester—check the [Schedule of Courses](#) for availability):

NUTR 665	The Dynamics of Food and Healing	1.0
NUTR 668	Culinary Herbs in the Kitchen and Beyond	1.0
NUTR 671	Food and Culture	1.0
NUTR 681	Cooking with Whole Foods Lab I	0.5
NUTR 682	Cooking with Whole Foods Lab II	0.5

Total Program Credits with Nutrition Concentration 30.0

ADMISSION REQUIREMENTS

To be considered for admission to all graduate academic programs, applicants must have a bachelor's degree from a regionally accredited institution.* In addition, applicants must submit an official transcript for the bachelor's degree and all degrees earned beyond a bachelor's degree. Please refer to the Application Requirements section for a detailed list of required application materials.

*If the bachelor's degree was not completed at a college or university accredited by a regional accrediting body recognized by the U.S. Department of Education, copies of the institution's academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

HEALTH REQUIREMENTS

Students may need to meet certain health requirements to participate in this program. For specific requirements, please refer to the Health, Training, and Other Requirements section of the catalog.

PROGRAM FORMAT

The Master of Arts degree in Health and Wellness Coaching can be completed in 24 months and is available in online, on-campus, and hybrid formats. All formats provide coach training programs approved by ICF and ICHWC.

Online courses run mostly on demand (asynchronously) throughout each trimester. Online courses offer great flexibility for the student. Because of the experiential nature of coaching, however, some coaching courses require live (synchronous) participation. Students must plan their schedules to attend live peer-to-peer and mentor coaching sessions. A variety of scheduling options are available to accommodate students' different needs and time zones. The syllabus for each course provides details about weekly lessons and includes expectations, due dates for assignments, and required live (synchronous) lab participation. For trimester start and end dates, refer to the Academic Calendar.

On-campus courses are delivered in a weekend format to accommodate students with weekday commitments and those who can travel to attend the program. Classes typically meet Friday evenings and all day Saturdays and Sundays. Most coursework is completed on campus in this format, with some assignments due between weekend classes. Class dates are subject to change.

Hybrid format means that coursework is completed through a combination of online and on-campus courses. Students may choose the format of each course on a case-

by-case basis, subject to availability. See the descriptions above for details on online and on-campus formats.

ARTICULATION AGREEMENT

Institute for Integrative Nutrition (IIN)

According to an Articulation Agreement with IIN, and as approved by the Maryland Higher Education Commission, graduates of the Institute for Integrative Nutrition who hold a bachelor's degree will be exempt from the following six credits in MUIH's Master of Arts in Health and Wellness Coaching with an area of concentration in Nutrition:

Number	Course Title	Credits
IHED637	Principles and Practices of Health Behavior and Self-Care	1.5
NUTR 601	Redefining Nutrition	1.0
NUTR 672	Mindful Eating and Nourishment	2.0
	Nutrition Electives	1.5

Candidates for this exemption must indicate graduation from the IIN program on their application for admission to MUIH.

ADDITIONAL INFORMATION CERTIFICATION AND CREDENTIALS

International Coach Federation (ICF)

ICF is the world's largest nonprofit coaching association. Membership provides access to the most current coaching research, global networking opportunities, and accreditation and credentialing programs. ICF promotes professional coaching, raising its profile with high standards and extolling the value of the coaching process in individuals, businesses and organizations for reaching their full potential.

Students who complete the 15 credits of the approved coach training hours in the on-campus format will have the required training hours to qualify for three levels of ICF credentialing—Associate Certified Coach (ACC), Professional Certified Coach (PCC), and Master Certified Coach (MCC).

Students who complete the 15 credits of the approved coach training hours in the online or hybrid format will have the required training hours to qualify for the ACC level of ICF credentialing.

Students who complete the 15 credits of the approved coach training hours in any format will have the required training hours to qualify for ICHWC's NBC-HWC.

For information about credentialing with the ICF, contact:

■ International Coach Federation

2365 Harrodsburg Rd, Suite A325
Lexington, KY 40504
888-423-3131
www.coachfederation.org

International Consortium For Health & Wellness Coaching (ICHWC)

MUIH was one of the first accredited programs eligible for the ICHWC credentialing option. ICHWC is dedicated specifically to supporting health and wellness coaching.

The credential offered by ICHWC is National Board Certified Health & Wellness Coach (NBC-HWC). For information about pursuing credentialing with the ICHWC, contact:

■ International Consortium for Health & Wellness Coaching

PO Box 16307
San Diego, CA 92176
866-535-7929
www.ichwc.org

POST-BACCALAUREATE CERTIFICATE IN HEALTH AND WELLNESS COACHING

PROGRAM OVERVIEW

MUIH's Post-Baccalaureate Certificate in Health and Wellness Coaching is at the forefront of the growing fields of health and wellness. This groundbreaking program is designed to prepare individuals of diverse backgrounds having a strong interest in health and wellness, such as educators, life coaches, fitness instructors, employee assistance specialists, human resource specialists, healthcare professionals, and others, to practice in a multitude of settings. Those settings include health education facilities, gyms, spas, organizations, communities, schools, physicians' offices, integrative health centers, and private practices.

The curriculum focuses first on developing an understanding of behavior change theories and principles, excellence in core coaching competencies, and the skills necessary to help clients adopt individually designed attitudes and lifestyle changes most conducive to optimal health and wellness. It also helps students to appreciate the wisdom of their own bodies and to help their clients do the same, and builds a broader view of

the health and wellness field as contrasted with the current model of healthcare that is focused on illness and disease. The Post-Baccalaureate Certificate program is both an International Coach Federation (ICF) Approved Coaching Specific Training Hours (ACSTH) program and an approved training program for the International Consortium for Health & Wellness Coaching (ICHWC). All formats—online, on-campus, and hybrid—provide graduates with the coach training hours needed for both ICF and ICHWC credentials, the mentoring hours and Practical Skills Assessment required by ICHWC, and most of the mentoring hours required by ICF. Additional ICF and ICHWC credentialing requirements can be found on their websites (see below).

The Post-Baccalaureate Certificate also provides the foundational courses for the 30-credit Master of Arts in Health and Wellness Coaching. Students who have received the certificate may go on to complete the Master of Arts by completing the remaining coursework (see Master of Arts Course of Study).

PURPOSE

The 15-credit Post-Baccalaureate Certificate in Health and Wellness Coaching is a comprehensive academic program designed for people who are engaged in wellness activities and committed to helping others lead more healthy lives. Graduates of this certificate program work with clients to help them clarify their personal health goals, explore possible barriers to change, implement and sustain health-generating behaviors, create health-maintenance activities, and manage their progress and accountability. Students will develop a broader view of the health and wellness field, in contrast to the disease-focused model of healthcare. Further, this program offers students practical experience in working one-on-one with clients, providing the foundation for building a successful coaching practice.

GOALS

The program will enable students to:

- Acquire skills in the use of language, listening, and presence as a way to help clients develop an awareness and understanding of their own goals, values, motivations, and action plans to bring about behavior change
- Demonstrate the art of evocative and powerful questioning to evoke client self-awareness and effective action
- Demonstrate excellence in active, reflective, and empathetic listening skills
- Demonstrate key skills in collaborating with clients to design and implement personalized health and wellness plans that include accountability measures
- Demonstrate proficiency in the core competencies of the health and wellness coaching field, as established by the ICF and the ICHWC
- Differentiate and apply the various theories, principles, and practices that promote behavior change.
- Commit to carrying out their professional responsibilities within their scope of practice, adhering to ethical principles of the profession

COURSE OF STUDY

15 Required Credits

Number	Course Title	Credits
APP 606	Becoming a Healing Presence	3.0
COA 610	Fundamentals of Health and Wellness Coaching	3.0
COA 616	Theories and Principles of Behavior Change	3.0
COA 620	Applied Healing Strategies	3.0
ISCI 631	Introduction to Complementary and Integrative Health	1.5
IHED 637	Principles and Practices of Health Behavior and Self-Care	1.5
MUIH 500	University Wide Orientation for New Students	0.0
MUIH 550	Academic Research and Scholarship	0.0

ADMISSION REQUIREMENTS

To be considered for admission to all graduate academic programs, applicants must have a bachelor’s degree from a regionally accredited institution.* In addition, applicants must submit an official transcript for the bachelor’s degree and all degrees earned beyond a bachelor’s degree. Please refer to the Application Requirements section for a detailed list of required application materials.

*If the bachelor’s degree was not completed at a college or university accredited by a regional accrediting body recognized by the U.S. Department of Education, copies of the institution’s academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

HEALTH REQUIREMENTS

Students may need to meet certain health requirements to participate in this program. For specific requirements, please refer to the Health, Training, and Other Requirements section of the catalog.

PROGRAM FORMAT

The Post-Baccalaureate Certificate in Health and Wellness Coaching can be completed in 12 months and is available in online, on-campus, and hybrid formats. All formats provide coach-training programs approved by ICF and ICHWC.

Online courses run mostly on demand (asynchronously) throughout each trimester. Online courses offer great flexibility for the student. Because of the experiential nature of coaching, however, some coaching courses require live (synchronous) participation. Students must plan their schedules to attend live peer-to-peer and mentor coaching sessions. A variety of scheduling options are available to accommodate students’ different needs and time zones. The syllabus for each course provides details about weekly lessons and includes expectations, due dates for assignments, and required live (synchronous) lab participation. For trimester start and end dates, see the Academic Calendar.

On-campus courses are delivered in a weekend format to accommodate students with weekday commitments and those who can travel to attend the program. Classes typically meet Friday evenings and all day Saturdays and Sundays. Most coursework is completed on campus in this format, with some assignments due between weekend classes. Class dates are subject to change.

Hybrid format means that coursework is completed through a combination of online and on-campus courses. Students may choose the format of each course on a case-

by-case basis, subject to availability. See the descriptions above for details on online and on-campus formats.

ADDITIONAL INFORMATION

CERTIFICATION AND CREDENTIALS

International Coach Federation (ICF)

ICF is the world's largest nonprofit coaching association. Membership provides access to the most current coaching research, global networking opportunities, and accreditation and credentialing programs. ICF promotes professional coaching, raising its profile with high standards and extolling the value of the coaching process in individuals, businesses and organizations reaching their full potential.

Students who complete the PBC in the on-campus format will have the required coach training hours to qualify for three levels of ICF credentialing—Associate Certified Coach (ACC), Professional Certified Coach (PCC), and Master Certified Coach (MCC).

Students who complete the PBC in the online or hybrid format will have the required coach training hours to qualify for the ACC level of ICF credentialing.

For information about credentialing with the ICF, contact:

■ **International Coach Federation**

2365 Harrodsburg Rd, Suite A325
Lexington, KY 40504
888-423-3131
www.coachfederation.org

International consortium for health & wellness coaching (ICHWC)

MUIH offers one of the first accredited programs eligible for the ICHWC credentialing option. ICHWC is dedicated specifically to supporting health and wellness coaching. The credential offered by ICHWC is National Board Certified Health & Wellness Coach (NBC-HWC).

Students who complete the PBC in any format will have the required coach training hours to qualify for ICHWC's credential of NBC-HWC.

For information about credentialing with the ICHWC, contact:

■ **International Consortium for Health & Wellness Coaching**

PO Box 16307
San Diego, CA 92176
866-535-7929
www.ichwc.org



**HEALTH
PROMOTION**



Health Promotion Department

- Master of Science in Health Promotion
- Post-Baccalaureate Certificate in Workplace Wellness

ADMINISTRATION

Claudia Joy Wingo, M.P.H.
Department Chair

M. Eileen Foley
Program Administrator

Melissa Huselton
Academic Advisor

CONTACT THE HEALTH PROMOTION DEPARTMENT

410-888-9048 ext. 6631
healthpromotion@muih.edu

MASTER OF SCIENCE IN HEALTH PROMOTION

PROGRAM OVERVIEW

The Master of Science in Health Promotion at Maryland University of Integrative Health (MUIH) prepares students to be leaders in the rapidly emerging market for health and wellness, enabling them to play a vital role in the national transformation from disease-focused health care to a wellness-based model focused on prevention and education.

This unique and innovative program will prepare students with a deep understanding of the theoretical and practical applications of health promotion, health education, and integrative health. Students gain the knowledge and understanding to articulate the mechanisms between psychological, social, and environmental factors to formulate approaches to whole person health and healing, whether in a community or workplace setting.

The program also offers a choice between two areas of concentration: Community Health Education and Workplace Wellness. Both areas of concentration will teach students how to create sustainable behavior changes in order to powerfully influence individuals or organizations to make positive lifestyle choices.

PURPOSE

The Master of Science in Health Promotion prepares graduates with specific competencies and skills to develop and implement programmatic integrative health solutions targeting current healthcare issues facing individuals, both in the workplace and within the wider community. The nation's interest in integrative health has been increasing, and there is a growing consensus that health professionals must focus on factors that actively promote health in a more global or holistic sense, in stark contrast to medicine's primary focus on treating disease.

Graduates of MUIH's Master of Science in Health Promotion will be uniquely positioned as resources in these integrative disciplines to be part of the healthcare solution in the state and nation.

GOALS

Students who complete the Master of Science in Health Promotion with the area of concentration in Community Health Education will:

- Have the skills to effectively educate communities to initiate and maintain behavioral changes that support health and wellness and will be able to:
 - Articulate integrative health modalities and wellness practices from a scientific perspective
 - Engage in personal transformation by embodying the practices learned in the program and by interacting with their community of committed teachers and learners
 - Demonstrate the role played by health education specialists as it relates to culturally appropriate guidelines and cultural competency in integrative health strategies for specific populations
 - Assess population needs relevant to community integrative health education program design
 - Design and plan community integrative health education programs
 - Implement community integrative health education programs
 - Evaluate community integrative health education programs and participate in research related to community health education
 - Administer and manage community integrative health education programs
- Have an evidence-based understanding of health and wellness that integrates traditional, complementary, and conventional medicine, as well as self-care practices, and be able to:
 - Articulate the interrelationship between psychological, social, and biological processes
 - Evaluate the evidence base for integrative health and wellness approaches for communities
 - Evaluate the role played by cultural, social, and ecological environments on community health and wellness
 - Evaluate the relationships with the social determinants of health that support or hinder community health and wellness
- Have the skills to succeed professionally as a health education specialist and contribute to the overall field of health education:

- Be qualified and prepared to sit for the Certified Health Education Specialist (CHES) exam
- Be able to articulate the various roles played in related careers by health promotion and health education specialists, and how the competencies and broader skills function in a variety of career settings to advance the field of health promotion
- Have the skills to be a life-long learner, apply critical thinking skills to the expanding evidence base, and continue to develop health and information literacy
- Be able to apply a variety of integrative modalities to community health education interventions, such as physical activity/movement, mindfulness, meditation, and holistic nutrition
- Articulate the inter-relationship between psychological, social, and biological processes
- Evaluate the evidence base for integrative health and wellness approaches in workplace wellness
- Evaluate the role played by cultural, social and ecological environments on employee health and wellness
- Evaluate the relationships between environmental and genetic factors that support or hinder employee health and wellness
- Have the skills to succeed professionally as a workplace wellness professional and contribute to the overall field of workplace wellness:
 - Be qualified and prepared to sit for the Certified Health Education Specialist (CHES) exam
 - Articulate the various roles played in related careers by workplace wellness professionals
 - Have the skills to be a life-long learner, apply critical thinking skills to the expanding evidence base, and continue to develop health and information literacy
 - Apply a variety of integrative modalities to workplace wellness interventions, such as physical activity/movement, mindfulness, meditation, and holistic nutrition

Students who complete the Master of Science in Health Promotion with the area of concentration in Workplace Wellness will:

- Have the skills to educate employees effectively to initiate and maintain behavioral changes that support health and wellness and be able to:
 - Articulate integrative health modalities and wellness practices from a scientific perspective
 - Engage in personal transformation by embodying the practices learned in the program and by interacting with their community of committed teachers and learners
 - Demonstrate the role played by health education specialists as it relates to culturally appropriate guidelines and cultural competency in integrative health strategies for specific populations
 - Assess population needs relevant to workplace wellness program design
 - Design and plan workplace wellness programs
 - Implement workplace wellness programs from an evidence base of best practices
 - Evaluate workplace wellness programs and speak the business language of the business of workplace wellness with various levels of employees and organizational leadership
 - Administer and manage workplace wellness programs
- Have an evidence-based understanding of employee health and wellness that integrates traditional, complementary and conventional medicine, as well as self-care practices, and be able to:

COURSE OF STUDY

Students will complete 23 core credits in Health Promotion and an additional 12 credits depending on the chosen area of concentration.

[Core Credits] 23 Required Credits

Number	Course Title	Credits
IHED 610	Fundamentals of Health Education and Health Behavior	3.0
IHED 615	Health Promotion Administration, Management and Resource Development	3.0
IHED 621	Communication Strategies in Health Education	3.0
IHED 623	Health Education Program Evaluation	2.0
IHED 625	Research Methods in Health Education: Quantitative and Qualitative	3.0
IHED 626	Health Education Needs Assessment and Program Planning	3.0
IHED 631	Topics in Diversity for Health and Healing	3.0
ISCI 630A	Survey of Complementary Health Approaches	3.0
MUIH 550	Academic Research and Scholarship	0.0

[Community Health Education Concentration]**6 Required Credits and 6 Elective Credits**

Number	Course Title	Credits
IHED 639	Community Health Education Program Implementation	3.0
IHED 641	Health Promotion Capstone	3.0

At least six credits chosen from the following:

APP 606	Becoming a Healing Presence	3.0
APP 700	Mindfulness, Meditation, and Health	3.0
IHED777	Health Care Systems: From Macro to Micro	3.0
ISCI671	Physical Activity and Health	3.0
NUTR 602	Nutrition: Food and Balance	3.0

Total Program Credits with Community Health Education Concentration**35.0****[Workplace Wellness Concentration]****6 Required Credits and 6 Elective Credits**

Number	Course Title	Credits
IHED638	Workplace Wellness Program Implementation	3.0
IHED641	Health Promotion Capstone	3.0

Total of at least six credits chosen from the following (elective offerings vary by trimester—check the [Schedule of Courses](#) for availability):

APP 606	Becoming a Healing Presence	3.0
APP 700	Mindfulness, Meditation, and Health	3.0
IHED777	Health Care Systems: From Macro to Micro	3.0
ISCI 671	Physical Activity and Health	3.0
NUTR 602	Nutrition: Food and Balance	3.0

Total Program Credits with Workplace Wellness Concentration**35.0****ADMISSION REQUIREMENTS**

To be considered for admission to all graduate academic programs, applicants must have a bachelor's degree from a regionally accredited institution.* In addition, applicants must submit an official transcript for the bachelor's degree and all degrees earned beyond a bachelor's degree. Please refer to the Application Requirements section for a detailed list of required application materials.

* If the bachelor's degree was not completed at a college or university accredited by a regional accrediting body recognized by the U.S. Department of Education, copies of the institution's academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

HEALTH REQUIREMENTS

Students may need to meet certain health requirements to participate in this program. For specific requirements, please refer to the Health, Training, and Other Requirements section of the catalog.

PROGRAM FORMAT

The Master of Science in Health Promotion is designed to be completed in about two years (five trimesters) of concentrated study in an online format, although longer plans of study are available.

All coursework is completed online in this format. Online courses offer flexibility for the student. The syllabus for each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. For more information about MUIH's online format, visit the MUIH website.

Online courses run asynchronously throughout each trimester. For trimester start and end dates, see the Academic Calendar.

**ADDITIONAL INFORMATION
CERTIFICATION AND CREDENTIALS**

Graduates of the Master of Science in Health Promotion will meet the eligibility requirements to take the Certified Health Education Specialist (CHES) exam. For more information about the CHES exam, contact:

■ **National Commission for Health Education Credentialing**
1541 Alta Drive, Suite 303
Whitehall, PA 18052
484-223-0770
www.nchec.org

POST-BACCALAUREATE CERTIFICATE IN WORKPLACE WELLNESS

PROGRAM OVERVIEW

MUIH's Workplace Wellness Post-Baccalaureate Certificate (PBC) program offers graduate-level education that prepares individuals to develop, implement, and assess workplace wellness programs in a multitude of settings including corporations, small businesses, schools, county, state and federal workplaces, and a variety of health facilities and settings. Workplace wellness programs are comprised of employment-based activities and employer-sponsored benefits aimed at promoting health-related behaviors among employees. Employment organizations are increasing their wellness offerings and commitment to supporting the health of their employees in order to reduce healthcare costs and improve employee productivity, resilience, satisfaction, and morale.

This PBC builds on MUIH's expertise in integrative health, with courses designed to establish an understanding of workplace wellness, the practices of health behavior and self-care, and the principles of population health and health education. Students also learn the components of program needs assessment and planning, fundamentals of practice, and effective program evaluation. The program teaches students how to create sustainable behavior changes in order to have a powerful impact on individuals and organizations to support positive lifestyle choices and preventative practices in order to formulate practical applications for innovative integrative health promotion programs in the workplace setting. The program also explores the role of internet-based resources, integrative health apps and emerging wearables in well-being at the individual and organizational levels. As with all MUIH programs, particular emphasis will be placed on being a healing presence through relationship-centered interactions. The online 13-credit program can be completed in one year (three trimesters).

PURPOSE

The Post-Baccalaureate Certificate (PBC) in Workplace Wellness offers graduate-level training and a knowledge base in the development and implementation of health and wellness programming in the employer setting to provide specialized educational and career opportunities for professionals in a variety of fields, including employee health nurses, occupational health workers, and others who need expertise in workplace wellness, such as

human resource professionals, personnel directors, safety department personnel, and health care insurance professionals. Focusing specifically on the workplace setting for health promotion activities, it builds student competencies around program needs assessment, development, and evaluation to increase the depth and breadth of knowledge and skills of such professionals. This in turn can increase career advancement opportunities and marketability among organizations that wish to implement effective workplace wellness programs. As a stand-alone certificate, the three-trimester program can also provide a complementary add-on to other MUIH degrees. It may also be used for beginning preparation for the Certified Health Education Specialist (CHES) exam, and offers an opportunity to achieve advanced standing for the M.S. in Health Promotion.

GOALS

Students who complete the PBC in Workplace Wellness will:

- Have the skills to effectively educate employees to initiate and maintain behavioral changes that support health and wellness, and be able to:
 - Articulate best practices in integrative workplace wellness program creation from a business and leadership perspective
 - Assess diverse population needs relevant to workplace wellness program design
 - Design and plan integrative workplace wellness programs with tools and resources that build comprehensive skill sets
 - Implement effective and sustainable workplace wellness programs from an evidence base of best practices by creating health-maintenance activities, and managing their progress and accountability
 - Evaluate workplace wellness programs and address a culture of wellness with various levels of employees and organizational leadership
 - Have the skills to administer and manage workplace wellness programs
- Have an evidence-based understanding of employee health and wellness that integrates traditional, complementary and conventional medicine, as well as self-care practices, and be able to:
 - Articulate the inter-relationship between psychological, social, and biological processes

- Evaluate the evidence base for integrative health and wellness approaches in workplace wellness
- Articulate the various roles played in related careers by workplace wellness professionals
- Have the skills to succeed professionally as a workplace wellness professional and contribute to the overall field of workplace wellness

COURSE OF STUDY

13 Required Credits

Number	Course Title	Credits
IHED621	Communication Strategies in Health Education	3.0
IHED623	Health Education Program Evaluation	2.0
IHED626	Health Education Needs Assessment & Program Planning	3.0
IHED633	A Culture of Wellness: Introduction to Workplace Wellness	1.5
IHED635	Workplace Wellness: Fundamentals of Practice	2.0
IHED637	Principles & Practices of Health Behavior and Self-Care	1.5
MUIH550	Academic Research & Scholarship	0.0
Total Credits for Workplace Wellness PBC		13.0

ADMISSION REQUIREMENTS

To be considered for admission to all graduate academic programs, applicants must have a bachelor's degree from a regionally accredited institution.* In addition, applicants must submit an official transcript for the bachelor's degree and all degrees earned beyond a bachelor's degree. Please refer to the Application Requirements section for a detailed list of required application materials.

* If the bachelor's degree was not completed at a college or university accredited by a regional accrediting body recognized by the U.S. Department of Education, copies of the institution's academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

HEALTH REQUIREMENTS

Students may need to meet certain health requirements to participate in this program. For specific requirements, please refer to the Health, Training, and Other Requirements section of the catalog.

PROGRAM FORMAT

The Post-Baccalaureate Certificate in Workplace Wellness is designed to be completed in one year (three trimesters) of concentrated study in an online format.

All coursework is completed online in this format. Online courses offer flexibility for the student. The syllabus for

each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. For more information about MUIH's online format, visit www.muih.edu.

Online courses run asynchronously throughout each trimester. For trimester start and end dates, see the Academic Calendar.





HERBAL MEDICINE

Health Promotion Department

- Master of Science in Therapeutic Herbalism
- Post-Baccalaureate Certificate in Herbal Studies

ADMINISTRATION

Michael Tims, Ph.D.

Department Chair

Bevin Clare, M.S.

*Program Manager, Area of
Concentration in Clinical Herbalism*

Nicole Rubin, M.S.

Director, Herbal Dispensary

M. Eileen Foley

Program Administrator

Matt Mazick

Academic Advisor

CONTACT THE HERBAL MEDICINE DEPARTMENT

410-888-9048 ext. 6616

herbalmedicine@muih.edu

MASTER OF SCIENCE IN THERAPEUTIC HERBALISM

PROGRAM OVERVIEW

Maryland University of Integrative Health (MUIH) offers the only master's degree in herbal therapeutics from a regionally-accredited university that provides a comprehensive study of medicinal herbs, merging scientific knowledge with traditional wisdom. Graduates are empowered with the critical thinking skills, health information literacy and expertise in herbal medicine needed for effectiveness in herbal supplement manufacturing, research, writing, education, and clinical consulting.

Students may select one of two areas of concentration: Clinical Herbalism or Herbal Product Design.

Graduates of the Clinical Herbalism area of concentration will acquire the skills and knowledge to build an effective clinical practice in herbalism, using a virtual telehealth platform to interact with both MUIH clinical supervisors and the student's own clients. The curriculum educates students to apply a bio-psycho-social model of care to meet health and wellness goals. Students earn additional clinical hours seeing clients through group facilitation models and a case study course. The main emphasis of the program is on developing real-world, clinical competence. Topics such as ethics, business, and legal issues in clinical herbalism are explored in order to facilitate the transition from student to working professional.

Graduates of the Herbal Product Design area of concentration will acquire the skillset and knowledge necessary to contribute to the growth of the herbal manufacturing field with an understanding of product development both broad and deep. They will be able to engage with existing companies or as entrepreneurs in multiple roles, providing quality assurance, research, product development and federal regulatory guidance. Topics include botany, medicine making, botanical safety, research, quality assurance, good manufacturing practice (GMP), analytical chemistry, phytochemistry, writing structure/function claims, and New Dietary Ingredient claims.

PURPOSE

The Master of Science in Therapeutic Herbalism empowers students with a comprehensive knowledge of applied biomedicine, pharmacology, phytochemistry, herbal pharmacy, Materia Medica, and therapeutic theory.

GOALS

- Understand the requirements for ensuring high-quality herbal products
- Be able to advise and educate effectively to create a comprehensive wellness plan incorporating herbal, dietary, and lifestyle recommendations integrating self-awareness and lessons of nature
- Possess knowledge of traditional herbal systems as well as an understanding of the principles and practices of modern Western herbalism
- Have a foundational understanding of biomedicine, pharmacology, Materia Medica, herbal preparations, history, clinical assessment, safety and plant identification, and wildcrafting
- Demonstrate the ability to critically analyze herbal research and contribute to the current body of herbal literature
- Know how to integrate knowledge of raw materials, formulation, and herbal pharmacy for product development purposes
- Know how to effectively educate individuals and groups about herbs
 - Be able to demonstrate basic skills in herb identification, harvesting, and preparation
 - Be able to address potential safety concerns including herb-drug interactions
 - Be able to grow personally and professionally and to participate actively in the field of herbalism through writing, research, public speaking, and/or professional affiliation

In addition to the educational objectives for all graduates, specific areas of concentration have the following outcomes:

CLINICAL HERBALISM

Students who complete this program will be able to:

- Accurately gather information regarding past and current health status while differentiating between phenomena
- Assess and support clients within the context of a health and wellness paradigm
- Work with clients to develop individualized goals and a plan for health and wellness
- Adjust the individualized plan and goals in response to the changing needs of the client

- Achieve and maintain rapport with clients, listen attentively, and practice with compassion
- Summarize and synthesize traditional, pharmacological, and clinical data to make an informed decision about the application of herbal formulas
- Collaborate with other healthcare providers in partnership
- Navigate the current healthcare environment to empower clients to make informed choices
- Grow personally and professionally
- Have the self-awareness to recognize external and internal cues, reflect upon feedback and adjust behavior accordingly
- Apply concepts of critical thinking and information literacy to individualized client care
- Be competent in the basic business skills necessary to build and maintain an herbal practice

HERBAL PRODUCT DESIGN

Students who complete this program will be able to:

- Demonstrate intermediate to advanced skills in:
 - Rationale, extraction, design and preparation of herbal products
 - Microscopy, macroscopy and related botanical skills to confidently analyze botanical ingredients used in commercial products
 - Researching evidence-based literature to support the safe and efficacious development of a herbal supplement
 - Using traditional knowledge to bridge the knowledge gap of evidence-based data to make rational decisions in developing safe and effective herbal products
 - The impact of processing practices on the therapeutic value of herbs
- Demonstrate knowledge of:
 - Harvesting and processing of plant material
 - How to appropriately gather and process plants in the field
 - How to summarize and synthesize traditional, pharmacological, and clinical data to make an informed decision about the application of herbal formulas
 - Applying Quality Assessment (QA) and Quality Control (QC) in a federally regulated Good Manufacturing Practice (GMP) environment

COURSE OF STUDY

[Core Credits] 31 Required Credits

Number	Course Title	Credits
HRB 600	Fundamentals of Herbal Medicine	3.0
HRB 605	Materia Medica I	3.0
HRB 620A	Herbal Therapeutics I	3.0
HRB 620B	Herbal Therapeutics II	3.0

HRB 622	Herbal Pharmacy	3.0
HRB 654B	Herbal Pharmacy and Phytochemistry II	3.0
HRB 705	Materia Medica II	3.0
HRB 790	E-Portfolio: Introduction	0.5
HRB 791	E-Portfolio: Final Development	0.5
IHED 637	Principles and Practices of Health Behavior and Self-Care	1.5
ISCI 547A	Physiology I: Healthy Function	3.0
ISCI 631	Introduction to Complementary and Integrative Health	1.5
RSCH 601	Research Literacy in Integrative Health	3.0
MUIH 550	Academic Research and Scholarship	0.0

[Clinical Herbalism Concentration] 20.5 Required Credits

Number	Course Title	Credits
APP 607	Introduction to Healing Presence	1.0
HRB 713B	Clinical Roundtable	1.5
HRB 715	Orientation Retreat	1.0
HRB 722B	Faculty Supervised Clinic II	1.0
HRB 722C	Faculty Supervised Clinic III	1.0
HRB 723A	Faculty Supervised Clinic I	1.0
HRB 723C	Applied Therapeutics: Clinical Assessment, Goals and Plans	0.5
HRB 735A	Clinical Theory in Practice I	2.0
HRB 735B	Clinical Theory in Practice II	2.0
HRB 740	Innovative Models of Herbal Practice	1.0
HRB 753B	Applied Therapeutics: Case Study	2.0
HRB 780	Professional Project	0.5
IHM 664	Practice Management for Herbal Professionals	1.5
ISCI 647B	Physiology II: Movement Away from Health	3.0

Choose 1.5 of the following credits:

Number	Course Title	Credits
HRB 636A	Nature Field Intensive	1.5
HRB 636C	Virtual Field Botany	1.5

Total Program Credits with Clinical Herbalism

Concentration	51.5
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[Herbal Product Design Concentration] 14 Required Credits

Number	Course Title	Credits
HRB 641	Safety of Botanical Medicine	3.0
HRB 642	Dispensary Practices and Quality Assessment of Herbal Medicine	3.0
HRB 650	Professional Career Trajectory	0.5
HRB 690C	Internship	1.5
HRB 794	Case Studies in Herb Product Design	3.0

Total of at least three credits chosen from the following (offerings vary by trimester—check the [Schedule of Courses](#) for availability):

HRB 634	Medicinal Plants and Cultures: Exploring your Bioregion	3.0
HRB 636A	Nature Field Intensive	1.5
HRB 636C	Virtual Field Botany	1.5

Total Program Credits with Herbal Product Design**Concentration****45.0****ADMISSION REQUIREMENTS**

To be considered for admission to all graduate academic programs, applicants must have a bachelor's degree from a regionally accredited institution.* Applicants must submit an official transcript from all post-secondary institutions attended. Please refer to the Application Requirements section for a detailed list of required application materials.

* If the bachelor's degree was not completed at a college or university accredited by a regional accrediting body recognized by the U.S. Department of Education, copies of the institution's academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

ADDITIONAL REQUIREMENTS

Applicants for the Master of Science in Therapeutic Herbalism must hold a bachelor's degree with a minimum overall 2.5 GPA in undergraduate coursework.

HEALTH REQUIREMENTS

Students may need to meet certain health requirements to participate in the Clinical Herbalism concentration of program. For specific requirements, please refer to the Health, Training, and Other Requirements section of the catalog.

PROGRAM FORMAT

The Master of Science in Therapeutic Herbalism is designed to be completed in less than three years in a hybrid format.

The Herbal Product Design concentration requires students to attend a weeklong intensive session on the MUIH campus as part of the HRB 642 Dispensary Practices and Quality Assessment of Herbal Medicine course, while the Clinical Herbalism concentration requires a four-day orientation retreat in the Baltimore/Washington, DC region.

Two elective courses offer exceptional face-to-face, field-intensive opportunities: HRB 635A in summer trimesters and HRB 635B in fall trimesters.

The Integrative Sciences (ISCI) and Integrative Health Education (IHED) courses in the curriculum are offered both online and in person. The online courses offer flexibility for the student. The syllabus for each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. For more information about MUIH's

online format, visit www.muih.edu. Online courses run asynchronously throughout each trimester. For trimester start and end dates, see the Academic Calendar. Individual student schedules may vary, depending on course selection and student needs and preferences.

**ADDITIONAL INFORMATION
CERTIFICATION****American Herbalists Guild Registered Herbalist**

Herbal medicine remains an unlicensed field but does offer a recognized board certification through the American Herbalists Guild, a body of professional herbalists certifying a high level of knowledge and experience in botanical medicine. Graduates of the Master of Science in Therapeutic Herbalism are eligible to apply for this credential.

American Herbalists Guild

125 South Lexington Avenue, Suite 101
Asheville, NC 28801
617-520-4372
www.americanherbalistsguild.com

Certified Nutrition Specialist (CNS)

Graduates of the Clinical Herbalism area of concentration may pursue the Certified Nutrition Specialist (CNS) credential by taking 16 credits in nutrition and related topics. Contact your Academic Advisor for additional information, and see information about the CNS exam under the Master of Science in Nutrition and Integrative Health.

Board for Certification of Nutrition Specialists

4707 Willow Springs Rd, Suite 207
La Grange, IL 60525
202-903-0267
www.cbns.org

POST-BACCALAUREATE CERTIFICATE IN HERBAL STUDIES

PROGRAM OVERVIEW

The 12-credit Post-Baccalaureate Certificate in Herbal Studies provides the herbal enthusiast with a foundational knowledge of herbal sciences, as well as an understanding of wellness-based models of health care. An emphasis on practical skills ensures that students are familiar with the identification of local plants and have the ability to make medicinal food and herbal preparations. Combining modern, scientific knowledge with traditional wisdom, the coursework uses the cycles of nature to guide the integration of herbs into daily life. This program empowers the student with the knowledge and skills to support self-care through the safe and effective incorporation of herbs into daily life, using body care products, food preparations, and other herbal supplements.

Nine to 12 credits in this certificate program can be applied to the Master of Science in Nutrition and Integrative Health and all 12 credits may be applied to the Master of Science in Therapeutic Herbalism.

PURPOSE

The Post-Baccalaureate Certificate in Herbal Studies program empowers the student by combining modern, scientific knowledge with traditional herbal wisdom, using the cycles of nature to guide the integration of herbs into daily life.

GOALS

- Identify the principles of a wellness-based model of health care and apply these principles in a variety of personal and professional settings
- Identify and harvest local herbs in the field, recognize raw materials, and manufacture herbal and food preparations
- Describe the safe and appropriate use of a limited number of herbs as dietary supplements within the framework of a wellness-based model of health care
- Identify how life is intertwined with the surrounding environment, articulate the implications of the changing seasons, and be able to safely and effectively utilize herbs to support self-care throughout the year
- Incorporate herbs into food preparation as a way to provide daily wellness support

CURRICULUM OVERVIEW

During the certificate program students will begin their immersion in traditional and evidence-based knowledge. At the same time, a new model for integrative healthcare will be introduced that focuses on wellness and supporting human resilience. Students will deepen their knowledge of Materia Medica, or using plants for healing, and learn how to make quality herbal products for home use.

COURSE OF STUDY

12 Required Credits

Number	Course Title	Credits
HRB 600	Fundamentals of Herbal Medicine	3.0
HRB 605	Materia Medica I	3.0
HRB 622	Herbal Pharmacy	3.0
IHED 637	Principles and Practices of Health Behavior and Self-Care	1.5
ISCI 631	Introduction to Complementary and Integrative Health	1.5
MUIH 550	Academic Research and Scholarship	0.0

Total Program Credits	12.0
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ADMISSION REQUIREMENTS

To be considered for admission to all graduate academic programs, applicants must have a bachelor's degree from a regionally accredited institution.* Applicants must submit an official transcript from all post-secondary institutions attended. Please refer to the Application Requirements section for a detailed list of required application materials.

* If the bachelor's degree was not completed at a college or university accredited by a regional accrediting body recognized by the U.S. Department of Education, copies of the institution's academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

PROGRAM FORMAT

The Post-Baccalaureate Certificate in Herbal Studies is designed to be completed in eight months and is offered online. Although no residency is required, online students are welcome to take on-campus courses, subject to availability.

Online courses offer flexibility for the student. The syllabus for each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. For more information about MUIH's online format, visit www.muih.edu.

Online courses run asynchronously throughout each trimester. For trimester start and end dates, see the Academic Calendar. Individual student schedules may vary, depending on course selection and student needs and preferences.

ADDITIONAL INFORMATION RESOURCES

The Herbal Program at Maryland University of Integrative Health maintains an herbal dispensary and garden as experiential classrooms for students to acquire skills and engage in longer-term research projects.



INTEGRATIVE HEALTH STUDY



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DIES

Integrative Health Studies Department

- Master of Arts in Integrative Health Studies
- Post-Baccalaureate Certificate in Integrative Health Studies

ADMINISTRATION

James Snow

Department Chair

Chelsey Barrett

Academic Advisor

MASTER OF ARTS IN INTEGRATIVE HEALTH STUDIES

PROGRAM OVERVIEW

The Master of Arts (MA) in Integrative Health Studies program is designed to meet the increasing and widespread interest in exploring and understanding the benefits and application of integrative health principles and practices. The core curriculum provides foundational knowledge in the theoretical and philosophical foundations of integrative health practices, evidence-informed efficacy of such practices, and practical and business models for the inclusion of integrative practices in allopathic care settings. The elective curriculum provides students with the opportunity to explore particular integrative health care practices in greater depth through areas of concentration.

In keeping with the philosophy and mission of MUIH, this program stresses the concept of self-care – that health and education must first be applied to oneself before it can be applied to others – at the same time as it supports organizational structures and benefits that encourage such self-care. Consistent with MUIH's mission to deliver innovative solutions for healthier living and career-oriented opportunities for students, the Master's degree will continue to advance MUIH's role in the health and wellness system.

PURPOSE

The MA in Integrative Health Studies is for individuals who wish to gain graduate level knowledge about integrative health to enhance their career in health care and related professions, and inform the application of integrative health approaches in their organization. The primary audience for this program is two-fold. First, are healthcare practitioners seeking to expand their professional knowledge and skills and complement their current specialty with an understanding of the integrative health field. This audience includes, among others, nurses, social service and behavioral health professionals, allied healthcare professionals, and other licensed/certified healthcare providers. Second, are professionals who support the health care field through their work in administration, management, policy, and advocacy, as well as health and science writing and communication.

GOALS

Students who complete the MA in Integrative Health Studies will be able to:

- Explain the foundational principles, philosophies, practice, and models of integrative health care
- Evaluate the principles, practice, and application of particular areas of the integrative health care field
- Apply research literacy skills to critically analyze integrative health research literature
- Select evidence-based integrative health interventions aligned with prevalent health conditions
- Analyze the factors associated with incorporating integrative health practices in their profession and health care organization

COURSE OF STUDY

[CORE CREDITS]

Number	Course Title	Credits
APP 606	Becoming a Healing Presence	3.0
INHS 610	Complementary and Integrative Health Interventions for Common Conditions	3.0
INHS 620	Integrative Care Models	3.0
ISCI 630A	Survey of Complementary Health Approaches	3.0
INHS 710	Seminar in Integrative Health Studies	3.0
MUIH 550	Academic Research and Scholarship	0.0
RSCH 601	Research Literacy in Integrative Health	3.0

Total Core Credits	18.0
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ELECTIVES: Total of 12 credits chosen from the following (elective offerings vary by trimester—check the [Schedule of Courses](#) for availability):

[Nutrition and Herbal Medicine Area of Concentration]

Number	Course Title	Credits
NUTR 601	Redefining Nutrition	1.0
NUTR 602	Nutrition: Food and Balance	3.0
NUTR 672	Mindful Eating and Nourishment	2.0
HRB 600	Fundamentals of Herbal Medicine	3.0
HRB 605	Materia Medica I	3.0

[Health Promotion, Education, and Research Area of Concentration]

Number	Course Title	Credits
IHED 610	Fundamentals of Health Education and Health Behavior	3.0
IHED 615	Health Promotion Administration Management and Resource Development	3.0
IHED 621	Communication Strategies in Health Care	3.0
IHED 637	Principles and Practices of Health Behavior and Self-Care	1.5
RSCH610	Introduction to Scientific Writing	1.5

Online courses offer flexibility for the student. The syllabus for each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. More information about MUIH's online format is available on www.muih.edu.

Online courses run asynchronously throughout each trimester. For trimester start and end dates, see the Academic Calendar on www.muih.edu. Individual schedules may vary depending on course selection.

[Mind-Body Practices and Whole Medical Systems Area of Concentration]

Number	Course Title	Credits
APP 700	Mindfulness, Meditation, and Health	3.0
ISCI 671	Physical Activity and Health	3.0
AYUR 630	Foundations of Ayurveda	3.0
AYUR 631	Ayurveda and the Mind	3.0
AOM 601*	History of Acupuncture and Oriental Medicine	2.0

Total Program Credits	30.0
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**If AOM601 is selected, the student will need to add a minimum of 1 credit from one of the other areas of concentrations above*

ADMISSION REQUIREMENTS

To be considered for admission to all graduate academic programs, applicants must have a bachelor's degree from a regionally accredited institution.* Applicants must submit an official transcript from all post-secondary institutions attended. Please refer to the Application Requirements section for a detailed list of required application materials.

* If the bachelor's degree was not completed at a college or university accredited by a regional accrediting body, or recognized by the U.S. Department of Education, copies of the institution's academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

HEALTH REQUIREMENTS

Students may need to meet certain health requirements to participate in this program. For specific requirements, please refer to the Health, Training, and Other Requirements section of the catalog.

PROGRAM FORMAT

ONLINE FORMAT

All Coursework for the degree is completed online in this format. Although no residency is required, online students are welcome to take on campus courses, subject to availability.

POST-BACCALAUREATE CERTIFICATE IN INTEGRATIVE HEALTH STUDIES

PROGRAM OVERVIEW

The proposed Post-Baccalaureate Certificate (PBC) in Integrative Health Studies program is designed to meet the increasing and widespread interest in exploring and understanding the benefits and application of integrative health principles and practices. This non-clinical program provides the opportunity to acquire advanced knowledge that will enhance the professional careers of a wide range of individuals in the health care field. The curriculum provides foundational knowledge in the theoretical and philosophical foundations of integrative health practices, evidence-informed efficacy of such practices, and practical and business models for the inclusion of integrative practices in allopathic care settings. This PBC can serve as a stand-alone credential and/or as a stackable credential leading toward the Master of Arts (MA) in Integrative Health Studies degree.

As with all MUIH programs, the emphasis on establishing rapport with the client and developing a “healing presence” will be integrated into this program. In keeping with the philosophy and mission of MUIH, this program stresses the concept of self-care – that health and education must first be applied to oneself before it can be applied to others – at the same time as it supports organizational structures and benefits that encourage such self-care.

PURPOSE

The PBC in Integrative Health Studies is a 12 credit certificate offered for individuals who wish to gain graduate level knowledge about integrative health to enhance their career in health care and related professions, and inform the application of integrative health approaches in their organization.

The primary audience for this program is two-fold. First, are healthcare practitioners seeking to expand their professional knowledge and skills and complement their current specialty with an understanding of the integrative health field. This audience includes, among others, nurses, social service and behavioral health professionals, allied healthcare professionals, and other licensed/certified healthcare providers. Second, are professionals who support the health care field through their work in administration, management, policy, and advocacy, as well as health and science writing and communication.

GOALS

- Students who complete the PBC in Integrative Health Studies will be able to:
- Explain the foundational principles, philosophies, practice, and models of integrative health care
- Apply research literacy skills to critically analyze integrative health research literature
- Select evidence-based integrative health interventions aligned with prevalent health conditions
- Analyze the factors associated with incorporating integrative health practices in their profession and health care organization

COURSE OF STUDY

Number	Course Title	Credits
ISCI 630A	Survey of Complementary Health Approaches	3.0
INHS 610	Complementary and Integrative Health Interventions for Common Conditions	3.0
INHS 620	Integrative Care Models	3.0
MUIH 550	Academic Research and Scholarship	0.0
RSCH 601	Research Literacy in Integrative Health	3.0
Total Credits		12.0

ADMISSION REQUIREMENTS

To be considered for admission to all graduate academic programs, applicants must have a bachelor's degree from a regionally accredited institution.* Applicants must submit an official transcript from all post-secondary institutions attended. Please refer to the Application Requirements section for a detailed list of required application materials.

* If the bachelor's degree was not completed at a college or university accredited by a regional accrediting body, or recognized by the U.S. Department of Education, copies of the institution's academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

HEALTH REQUIREMENTS

Students may need to meet certain health requirements to participate in this program. For specific requirements, please refer to the Health, Training, and Other Requirements section of the catalog.

PROGRAM FORMAT

This program is delivered in an online format within a cohort of peers. The program can be completed in one year. Although no residency is required, online students are welcome to take on campus courses, subject to availability.

Online courses offer flexibility for the student. The syllabus for each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. More information about MUIH's online format is available on www.muih.edu.

Online courses run asynchronously throughout each trimester. For trimester start and end dates, refer to the Academic Calendar. Individual schedules may vary depending on course selection.

A vibrant still life composition featuring various fruits and flowers. In the upper center is a large, circular slice of a blood orange, showing its deep red, segmented flesh and white pith. To its right are several orange segments and a few small, dark seeds. On the left side, there's a pink flower with multiple petals, and below it, a long, slender, reddish-pink object, possibly a chili pepper or a piece of rhubarb. In the lower right, a dark, rustic bowl is filled with fresh strawberries and blackberries. The word "NUTRITION" is overlaid in a bold, white, sans-serif font across the lower middle of the image.

NUTRITION



Nutrition and Integrative Health Department

- Master of Science in Nutrition and Integrative Health
- Doctor of Clinical Nutrition
- Post-Baccalaureate Certificate in Sports Performance and Integrative Nutrition
- Post-Master's Certificate in Nutrition and Integrative Health
- Post-Master's Certificate in Nutritional Genomics in Clinical Practice

ADMINISTRATION

Kathleen Warner, Ph.D.

Department Chair

Liz Lipski, Ph.D.

Director, Academic Development

Eleonora Gafton, M.S.

Cooking Lab Manager

Elizabeth Owens, M.S.

Manager, Experiential Programs

Alexandra Wick

Program Administrator

Jennifer Swetz, M.S.

Nutrition Clinic Coordinator

Laura Henderson, M.S.

Cooking Lab Assistant Manager

Lindsey Brandenburg, M.S.

Academic Advisor

Matthew Kuder, M.A.

Academic Advisor

CONTACT THE NUTRITION DEPARTMENT

410-888-9048 ext. 6654

nutrition@muih.edu

MASTER OF SCIENCE IN NUTRITION AND INTEGRATIVE HEALTH

PROGRAM OVERVIEW

The Master of Science in Nutrition and Integrative Health offers students a distinctive program that emphasizes the vital and interrelated physiological, environmental, socio-cultural, and spiritual roles of food in our lives. Developed from the mission and vision of Maryland University of Integrative Health (MUIH) to integrate nature-based knowledge and traditional systems with transformational learning and contemporary scientific knowledge, the curriculum offers a broader evidence base for nutrition education than science, tradition, or empiricism alone. As it is one of the few integrative master's degree programs in nutrition in the country, MUIH's faculty and scholars are the leading national authorities in this field of study. The program encourages students to question assumptions in the field of nutrition and to learn through critical thinking and personal transformation. Students apply nutrition theory through cooking labs, case studies, and clinical and biochemical assessments. In addition to building foundational skills in the sciences and introductory nutrition, students enhance the scope of their skills by selecting an area of concentration in Community Nutrition Education, Herbal Medicine, or Human Clinical Nutrition.

Students in the Human Clinical Nutrition and Herbal Medicine areas of concentration will complete supervised clinical experiences. Students in the Community Nutrition Education area of concentration will have a choice of a supervised capstone project or a community practicum.

The comprehensive and multifaceted program ensures that graduates are prepared for a variety of careers in the diverse field of nutrition, such as practicing nutritionists, consultants, educators, researchers, and writers. Graduates seeking board certification may wish to continue their supervised internship experience through the Internship in Nutrition and Integrative Health.

PURPOSE

The mission of the Master of Science in Nutrition and Integrative Health is to educate and develop skillful and compassionate nutrition practitioners who value the client-practitioner relationship. By exploring and developing innovative approaches to clinical nutrition, the program bridges traditional nutrition care processes with holistic and integrative perspectives in health. This serves the evolution of nutrition in the healthcare field

and emphasizes the vital and interrelated physiological, psychological, environmental, sociocultural, and spiritual roles of food in our lives.

The Master of Science in Nutrition and Integrative Health is unique in integrating biochemical assessments, basic science, and applied nutrition coursework; applying nutrition theory through cooking labs; using practice coaching sessions to explain behavioral change; and employing case studies and client interviews to teach intervention strategies for a wide range of health challenges. The curriculum addresses the cognitive and physiological factors influencing the complex role of food and nutrition in human health.

GOALS

The Master of Science in Nutrition and Integrative Health Program will:

- Teach students the principles, knowledge and application of integrative nutrition in the areas of physiology; nutritional biochemistry; biochemical individuality; macronutrients; micronutrients; role of whole foods; nutrition through the life cycle; food, drug, supplement and herbal interactions; use of clinical laboratory evaluations; clinical nutrition or community nutrition; food as medicine; and how personal values and culture affect food choices and eating behavior
- Teach students to cook with whole foods to maintain health and management of disease
- Prepare students to educate others about holistic nutrition, lifestyle, wellness, and healthy living in clinical, community, and educational settings
- Teach students to apply the principles of interconnection, holism, transformation, diversity, and resilience in life and in the field of nutrition
- Prepare graduates to sit for national board certification exams

In addition to the educational objectives for all graduates, specific areas of concentration have the following objectives:

COMMUNITY NUTRITION EDUCATION

- Prepare graduates to take leadership roles in the field of nutrition education and behavior change in a variety of settings including individual, community, and policy

- Prepare graduates to assess population needs, assets, and capacity for nutrition education
- Provide experiential training in a community setting

HERBAL MEDICINE

- Prepare graduates to take leadership roles as nutrition professionals with knowledge of the role of both foods and herbs in promoting human health
- Prepare students to work as nutritionists with an herbal background through comprehensive study of herbal pharmacology, herbal pharmacy (herbal preparation), and principles of herbal therapeutics
- Provide supervised clinical or research experience in clinical nutrition and herbalism

HUMAN CLINICAL NUTRITION

- Prepare graduates to take leadership roles in the field of clinical nutrition
- Provide experiential training in a clinical setting
- Enable students to effectively position their services and offerings to clients, clinics, and other practitioners in order to earn a livelihood as a nutrition professional

COURSE OF STUDY

Students fulfill the Master of Science in Nutrition and Integrative Health by completing core program credits and choosing one of three areas of concentration: Community Nutrition Education, Herbal Medicine, or Human Clinical Nutrition.

[Core Credits] 29 Required Credits

Number	Course Title	Credits
IHED 637	Principles and Practices of Health Behavior and Self-Care	1.5
ISCI 522	Foundations in Organic Chemistry	3.0
ISCI 547A	Physiology I: Healthy Function	3.0
ISCI 626	Nutritional Biochemistry	3.0
ISCI 631	Introduction to Complementary and Integrative Health	1.5
ISCI 647B	Physiology II: Movement Away from Health	3.0
RSCH 601	Research Literacy in Integrative Health	3.0
NUTR 601	Redefining Nutrition	1.0
NUTR 612	Human Nutrition II: Micronutrients	3.0
NUTR 614	Human Nutrition I: Macronutrients	2.0
NUTR 641	Life Cycle Nutrition	3.0
NUTR 6EXI	Nutrition MSNIH Comprehensive Exam	0.0
MUIH 550	Academic Research & Scholarship	0.0

[Required Cooking Labs]

Number	Course Title	Credits
NUTR 681	Cooking with Whole Foods Lab I	0.5
NUTR 682	Cooking with Whole Foods Lab II	0.5

[Additional Cooking Labs]

Choose 2 additional cooking labs from the following for a total of 1.0 credit:

Number	Course Title	Credits
NUTR 683	Cooking with Whole Foods Lab III	0.5
NUTR 684	Cooking with Whole Foods Lab IV	0.5
NUTR 686	Cooking with Whole Foods Lab VI	0.5
NUTR 687	Cooking with Whole Foods Lab VII	0.5
NUTR 688	Cooking with Whole Foods Lab VIII	0.5

[Community Nutrition Education Area of Concentration]

20 Required Credits + 1 Elective Credits

Number	Course Title	Credits
IHED 610	Fundamentals of Health Education and Health Behavior	3.0
IHED 623	Health Education Program Evaluation	2.0
IHED 625	Research Methods in Health Education: Quantitative and Qualitative	3.0
IHED 626	Health Education Needs Assessment and Program Planning	3.0
NUTR 643	Public Health Nutrition	2.0
NUTR 664	Food Systems and Policy	2.0
NUTR 672	Mindful Eating and Nourishment	2.0

Choose 3.0 credits from one of the following sets:

NUTR 691C Practicum (1.5 credits)
and
NUTR 691D Practicum (1.5 credits)

OR

NUTR 692C Capstone Project (1.5 credits)
and
NUTR 692D Capstone Project (1.5 credits)

[Electives]

1.0

Total of at least one credit chosen from the following (elective offerings vary by trimester—check the [Schedule of Courses](#) for availability):

Number	Course Title	Credits
HRB 600	Fundamentals of Herbal Medicine	3.0
IHED 615	Health Promotion Administration, Management and Resource Development	3.0
IHED 621	Communication Strategies in Health Education	3.0
IHED 639	Community Health Education Program Implementation*	3.0
NUTR 622	Advanced Biochemistry, Pathophysiology, and Assessment **	3.0
NUTR 634	Diabetes Education: An Integrative Approach	1.0
NUTR 635	Applied Clinical Nutrition I Nutritional Assessment†	2.0
NUTR 636	Applied Clinical Nutrition II†	2.0
NUTR 651A	Clinical Skills I†	2.0
NUTR 651B	Clinical Skills II†	2.0
NUTR 671	Food and Culture	1.0

NUTR 673 Global Nutrition 2.0

* These courses are a requirement for CHES certification (IHED 639 is only required if Capstone Project is completed).

**This course is a requirement for BCNS certification.

† These courses are recommended for BCNS certification.

Total Program Credits with Community Nutrition Education Concentration 50.0

[Herbal Medicine Area of Concentration] 29 Required Credits

Number	Course Title	Credits
HRB 600	Fundamentals of Herbal Medicine	3.0
HRB 605	Materia Medica I	3.0
HRB 620A	Herbal Therapeutics I	3.0
HRB 622	Herbal Pharmacy	3.0
NUTR 622	Advanced Biochemistry, Pathophysiology, and Assessment	3.0
NUTR 635	Applied Clinical Nutrition I Nutritional Assessment	2.0
NUTR 636	Applied Clinical Nutrition II Nutritional Assessment	2.0
NUTR 651A	Clinical Skills I	2.0
NUTR 651B	Clinical Skills II	2.0

Choose one of the following for 3 credits:

HRB 620B	Herbal Therapeutics II	3.0
HRB 654B	Herbal Pharmacology and Phytochemistry II	3.0

Choose one of the following sets for a total of 3 credits:

NUTR 655C	Nutrition/Herbal Therapeutics Clinic and	1.5
NUTR 655D	Nutrition/Herbal Therapeutics Clinic	1.5

OR

NUTR 656C	Clinical Strategies in Nutrition Care and	1.5
NUTR 656D	Clinical Strategies in Nutrition Care (1.5)	1.5

Total Program Credits with Herbal Medicine Concentration 58.0

[Human Clinical Nutrition Area of Concentration]

16 Required Credits + 5 Elective Credits

Number	Course Title	Credits
NUTR 622	Advanced Biochemistry, Pathophysiology, and Assessment	3.0
NUTR 635	Applied Clinical Nutrition I Nutritional Assessment	2.0
NUTR 636	Applied Clinical Nutrition II Nutritional Assessment	2.0
NUTR 651A	Clinical Skills I	2.0
NUTR 651B	Clinical Skills II	2.0
NUTR 672	Mindful Eating and Nourishment	2.0

Choose 3.0 credits from the following sets:

NUTR 654C	Clinic and	1.5
NUTR 654D	Clinic	1.5

OR

NUTR 656C	Clinical Strategies in Nutrition Care and	1.5
NUTR 656D	Clinical Strategies in Nutrition Care	1.5

Electives

Total of at least one credit chosen from the following (elective offerings vary by trimester—check the [Schedule of Courses](#) for availability):

Number	Course Title	Credits
APP 606	Becoming a Healing Presence	3.0
APP 607	Introduction to Healing Presence	1.0
HRB 600	Fundamentals of Herbal Medicine	3.0
HRB 605	Materia Medica I	3.0
HRB 622	Herbal Pharmacy	3.0
HRB 633	Medicinal Plants and Cultures: A Bioregional Exploration	2.0
IHED 610	Fundamentals of Health Education and Health Behavior	3.0
IHED 615	Health Promotion Administration, Management and Resource Development	3.0
IHED 621	Communication Strategies in Health Education	3.0
IHM 620	Marketing for Health & Wellness Professionals	1.0
IHM 665	Practice Management for Nutrition Professionals	1.0
ISCI 615	Mind Body Science	3.0
ISCI 630A	Survey of Complementary Health Approaches	3.0
NUTR 625	Introduction to Nutritional Genomic Counseling	1.0
NUTR 634	Diabetes Education: An Integrative Approach	1.0
NUTR 637	Nutrition and Digestive Health	1.0
NUTR 643	Public Health Nutrition	2.0
NUTR 663	Sports Nutrition	1.0
NUTR 664	Food Systems and Policy	2.0
NUTR 665	The Dynamics of Food and Healing	1.0
NUTR 668	Culinary Herbs in the Kitchen and Beyond	1.0
NUTR 671	Food and Culture	1.0
NUTR 675	Chinese Nutrition Therapy	2.0
NUTR 722	Advanced Laboratory Assessment	2.0

Total Program Credits with Human Clinical Nutrition

Concentration 50.0

ADDITIONAL PROGRAM REQUIREMENTS

- Complete MUIH 550 Academic Research and Scholarship, a non-credit online training course on information literacy, by the end of the first trimester.
- Complete the ServSafe™ Food Safety Manager Course from the National Restaurant Association. Certification must be obtained prior to graduation or before enrolling in NUTR 686 Cooking with Whole Foods Lab VI or NUTR 691C Practicum. Students are encouraged to obtain the certification sooner because the knowledge is helpful in all cooking labs. The course is offered by MUIH for local students as NUTR 001.

- Become a client of an integrative nutritionist in the student's area of residence or meet with a senior clinical nutrition intern at the MUIH Natural Care Center for at least three nutrition consultations before enrolling in the experiential courses.
- Earn a passing grade on a comprehensive exam (NUTR 6EXI) at the end of the academic program.

ADMISSION REQUIREMENTS

To be considered for admission to all graduate academic programs, applicants must have a bachelor's degree from a regionally accredited institution.* Applicants must submit an official transcript from all post-secondary institutions attended. Please refer to the Application Requirements section for a detailed list of required application materials.

* If the bachelor's degree was not completed at a college or university accredited by a regional accrediting body recognized by the U.S. Department of Education, copies of the institution's academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

ADDITIONAL REQUIREMENTS

Applicants for the Master of Science in Nutrition and Integrative Health must hold a bachelor's degree with a minimum overall 2.5 GPA in undergraduate coursework.

HEALTH REQUIREMENTS

Students in this program may have health requirements related to on-campus or off-campus clinical or practicum phases of the program. Requirements will vary by area of concentration and clinic, practicum, or capstone project course selections. For specific requirements, please refer to the Health, Training, and Other Requirements section of the catalog.

ADVANCED STANDING

Maryland University of Integrative Health allows advanced standing for students who have completed the following programs:

Center For Mind-Body Medicine – Food As Medicine

Graduates of the Center for Mind-Body Medicine's Food as Medicine program may be eligible for advanced standing (three elective credits) in MUIH's Master of Science in Nutrition and Integrative Health. Candidates for this advanced standing should indicate this in their application essay, and must submit an academic paper on a topic approved by the Academic Director.

Natural Gourmet Institute – Chef's Training Program

Graduates of the Chef's Training Program at the Natural Gourmet Institute may be eligible for advanced standing in MUIH's Master of Science in Nutrition and Integrative Health. Graduates may be exempt from taking some of the Cooking with Whole Foods Labs I-VIII. Candidates for this advanced standing should indicate this in their application essay and submit their official record of graduation from the Chef's Training Program to the Office of Graduate Admissions office so that the Academic Director can evaluate eligibility.

ARTICULATION AGREEMENT

Institute for Integrative Nutrition (IIN) Graduates of the Institute for Integrative Nutrition who hold a bachelor's degree will be eligible for the following exemptions in MUIH's Master of Science in Nutrition and Integrative Health, based on an Articulation Agreement with IIN and approved by the Maryland Higher Education Commission:

[Human Clinical Nutrition or Community Nutrition Education Area of Concentration]

Number	Course Title	Credits
IHED 637	Principles and Practices of Health Behavior and Self-Care	1.5
NUTR 601	Redefining Nutrition	1.0
NUTR 672	Mindful Eating and Nourishment	2.0
	Electives	2.0

[Herbal Medicine Area of Concentration]

Number	Course Title	Credits
IHED 637	Principles and Practices of Health Behavior and Self-Care	1.5
NUTR 601	Redefining Nutrition	1.0

Candidates for these exemptions must indicate graduation from the IIN program on their application for admission to MUIH.

PROGRAM FORMAT

The Master of Science in Nutrition and Integrative Health is a flexible program designed to accommodate working professionals. It can be completed in as few as two years or as many as five years, in an on-campus, online, or hybrid format.

The content of the program does not vary by format—only the delivery method of the course is different. See the latest list of Program Start Dates to determine the availability of each format, available online at www.muih.edu in the Admissions section.

ON-CAMPUS FORMAT

Coursework is completed on campus in this format. Only the area of concentration in Human Clinical Nutrition is available in on-campus format. On-campus students are also welcome to take online courses, subject to availability.

The on-campus schedule consists of 15 to 19 weekends per year. Weekend class times are 5–9 p.m. on Fridays, and 8:30 a.m.–5:30 p.m. on Saturdays and Sundays. Format may vary during the clinic and practicum phase. The time needed to complete the elective credits and clinic/practicum/capstone project is not included in this academic calendar. Visit www.muih.edu for specific course schedules or contact the Office of Graduate Admissions.

ONLINE FORMAT

Coursework is completed online in this format. Although no residency is required, online students are welcome to take on campus courses, subject to availability.

Online courses offer flexibility for the student. The syllabus for each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. More information about MUIH's online format is available on www.muih.edu.

Online courses run asynchronously throughout each trimester. For trimester start and end dates, see the Academic Calendar on www.muih.edu. Individual student schedules may vary, depending on course selection and student needs and preferences.

HYBRID FORMAT

Coursework is completed through a combination of online and on-campus courses in this format. Students may choose the format of each course on a case-by-case basis, subject to availability. See descriptions above for details on online and on campus formats. Contact the Office of Graduate Admissions for more information.

ADDITIONAL INFORMATION LICENSURE

Licensing requirements for nutritionists vary by state. To learn the most up-to-date laws and regulations, please refer to each state's board of dietetic practice, or go to www.nutritionadvocacy.org.

CERTIFICATION

The Master of Science in Nutrition and Integrative Health program is tailored to meet the eligibility requirements of several national board certifications. At the present

time, MUIH is in compliance with the requirements of each of the professional organizations listed below. However, boards do change their eligibility requirements. Please review licensing laws by state for the most up-to-date information and contact the appropriate board with questions.

Board certification for nutrition often requires a supervised practice experience. To obtain the needed hours for certification, MUIH offers an optional six-month supervised internship program for those who hold an advanced degree (master's or doctorate) in nutrition. See the Nutrition Internship Program in this section.

This program does not prepare students to sit for the Commission on Dietetics Registration dietetics exam.

Certified Nutrition Specialist (CNS)

Graduates from the Clinical Nutrition and Herbal Medicine areas of concentration in the Master of Science in Nutrition and Integrative Health meet the educational requirements to sit for the CNS exam. Students in the Community Nutrition Education area of concentration must take additional courses to meet these academic requirements. The Board for Certification of Nutrition Specialists (BCNS) also requires that applicants complete 1000 hours of supervised practice experience and pass the BCNS Certifying Exam. The board reviews each applicant individually to determine eligibility.

Coursework in the Master of Science in Nutrition and Integrative Health program includes some supervised practice experience, depending on the electives the student chooses. MUIH offers the Nutrition Internship Program to complete the remaining supervised clinical practice hours. MUIH is not responsible for changes to CNS certification requirements. Requirements listed are current as of catalog publication date. For the most recent CNS requirements, contact BCNS.

■ Board for Certification of Nutrition Specialists

4211 W. Chicago Avenue, Suite #218
Hinsdale, IL 60521
202-903-0267
www.nutritionspecialists.org

Certified Clinical Nutritionist (CCN)

Graduates of the Master of Science in Nutrition and Integrative Health program are exempt from taking the post-graduate training offered through the Clinical Nutrition Certification Board before sitting for the exam. CNCB reviews each applicant individually and reviews all transcripts to determine eligibility.

■ **Clinical Nutrition Certification Board**

15280 Addison Road, Suite 130
Addison, TX 75001
972-250-2829
www.cncb.org

Certified Health Education Specialist (CHES)

With the appropriate choice of courses, graduates from the Community Nutrition Education area of concentration are eligible to sit for the Certified Health Education Specialist (CHES) exam.

MUIH is not responsible for changes to CHES certification requirements. Requirements listed are current as of catalog publication date. For the most recent CHES requirements, contact the National Commission for Health Education Credentialing.

■ **National Commission for Health Education Credentialing**

1541 Alta Drive, Suite 303
Whitehall, PA 18052
484-223-0770
www.nchec.org

Board Certified In Holistic Nutrition®

Graduates of the Master of Science in Nutrition and Integrative Health program are eligible to sit for this certification exam. The requirements for this exam include at least one herbal elective course.

■ **Holistic Nutrition Credentialing Board**

P.O. Box 1884
Rancho Cordova, CA 95741-1884
800-342-8037
www.nanp.org/hncb

Society For Nutrition Education And Behavior

Graduates from the Community Nutrition Education area of concentration may become members of the Society for Nutrition Education and Behavior (SNEB).

■ **Society for Nutrition Education and Behavior**

9100 Purdue Road, Suite 200
Indianapolis, IN 46268
800-235-6690
www.sneb.org

DOCTOR OF CLINICAL NUTRITION

PROGRAM OVERVIEW

Students entering the Doctor of Clinical Nutrition (DCN) will receive advanced education in clinical nutrition to enhance their clinical skills, contribute to the current literature in the field, and take leadership roles in this emerging field. The program is geared toward practicing nutritionists, dietitians, and other healthcare professionals who are seeking to deepen their clinical nutrition skills.

Cumulative knowledge will be demonstrated by completion of a comprehensive exam, preparation of a manuscript for publication in a peer-reviewed journal, and completion of a clinical residency that includes a research project.

There are two pathways to the DCN degree: one for those who have a master's degree and a background in nutrition, and one for those who hold a bachelor's degree with a strong science focus.

PURPOSE

The program will educate clinicians, educators, and researchers in integrative and functional nutrition by using a systems biology approach. DCN students will acquire a clinical skill set and knowledge base that prepares them to work with individuals by creating respectful, personalized plans that move people towards health. Additionally, students will publish original clinical nutrition manuscripts in peer-reviewed journals. The program outcomes are supported by a curriculum that includes core courses in functional nutrition and courses in research and publication, as well as courses on clinical nutrition client assessment and care plans for a wide range of health concerns and medical issues.

GOALS

The Doctor of Clinical Nutrition will:

- Provide training in advanced clinical nutrition for graduates to work in health care organizations; as educators in communities, schools and universities; in government and/or policy settings; and to be leaders in the emerging field of integrative and functional nutrition
- Foster an environment which enables students to focus on areas of special clinical interest
- Provide students with an in-depth study of integrative and functional nutrition in the areas of gastrointestinal, immune, cardio-metabolic, neurological, energy metabolism, and endocrine health drawing from contemporary science, and traditional wisdom

- Synthesize didactic, clinical, and culinary training, and translate this into personalized nutrition care plans
- Apply principles of research methodology, health informatics, bioethics, academic journal writing, and case studies in practice and research settings
- Prepare graduates to promote health of medically complex clients through clinical residencies and special projects in clinical nutrition
- Prepare graduates to collaborate with other members of the healthcare team, industry, and academia as the nutrition expert

COURSE OF STUDY

[Master's Degree Pathway] 48 Required Credits

Number	Course Title	Credits
RSCH 821	Designing Research in Clinical Practice	3.0
RSCH 841	Ethical Review Procedures in Integrative Health Research	3.0
MUIH 550	Academic Research & Scholarship	0.0
NUTR 800	Graduate Colloquium	1.5
NUTR 801	Principles of Integrative & Functional Nutrition	3.0
NUTR 802	Nutritional Approaches to Detoxification	3.0
NUTR 810	Special Topics in Nutrition I	1.5
NUTR 811	Special Topics in Nutrition II	1.5
NUTR 821	Bioethics in Clinical Nutrition	3.0
NUTR 822	Epigenetics and Nutritional Genomics	3.0
NUTR 831	Integrative and Functional Nutrition in Gastrointestinal Health and Disease	3.0
NUTR 832	Integrative and Functional Nutrition in Immune Health	3.0
NUTR 833	Integrative and Functional Nutrition in Cardio-Metabolic Health	3.0
NUTR 834	Integrative and Functional Nutrition in Neurological Health	3.0
NUTR 835	Integrative and Functional Nutrition in Endocrine and Energy Health	3.0
NUTR 836	Case Reports in Functional Nutrition	3.0
NUTR 850	Nutrition Focused Physical Exam	1.5
NUTR 8EXI	Nutrition DCN Comprehensive Exam	0.0

Choose one of the following for 3.0 credits:

NUTR 900	Advanced Clinical Nutrition Residency & Research Project I	3.0
NUTR 902	Advanced Clinical Strategies in Nutrition I*	3.0

Choose one of the following for 3.0 credits:

NUTR 901	Advanced Clinical Nutrition Residency & Research Project II	3.0
NUTR 903	Advanced Clinical Strategies in Nutrition II*	3.0

*Course alternatives for students who live in states with internship restrictions

Total Program Credits for Master's Degree Pathway 48.0

[Bachelor's Degree Pathway] 31 Additional Required Credits

In addition to the courses listed above in the Master's Degree Pathway, students who enter the Bachelor's Degree Pathway will complete the following coursework:

Number	Course Title	Credits
ISCI 626	Nutritional Biochemistry	3.0
ISCI 647B	Physiology II: Movement Away from Health	3.0
RSCH 601	Research Literacy in Integrative Health	3.0
NUTR 601	Redefining Nutrition	1.0
NUTR 604	Graduate Seminar	1.0
NUTR 612	Human Nutrition II: Micronutrients	3.0
NUTR 614	Human Nutrition I: Macronutrients	2.0
NUTR 635	Applied Clinical Nutrition I Nutritional Assessment	2.0
NUTR 636	Applied Clinical Nutrition II Nutritional Assessment	2.0
NUTR 641	Life Cycle Nutrition	3.0
NUTR 651A	Clinical Skills I	2.0
NUTR 651B	Clinical Skills II	2.0
NUTR 681	Cooking with Whole Foods Lab I	0.5
NUTR 682	Cooking with Whole Foods Lab II	0.5

Choose 3.0 credits from the following sets:

NUTR 654C	Clinic	1.5
and		
NUTR 654D	Clinic	1.5

OR

NUTR 656C	Clinical Strategies in Nutrition Care	1.5
and		
NUTR 656D	Clinical Strategies in Nutrition Care	1.5

Total Program Credits with Bachelor's Degree Pathway 79.0

ADMISSION REQUIREMENTS

In addition to the general admission requirements listed under the Application Requirements section of this catalog, applicants to the Doctor of Clinical Nutrition must meet the requirements for one of the following pathways:

MASTER'S DEGREE PATHWAY

- Have earned a minimum of a master's degree from a regionally accredited educational institution*
- Have a minimum overall 3.0 GPA in master's-level coursework, or if the school uses a pass/no-pass system, passing grades in all coursework
- Submit official transcripts of all coursework taken to verify degree completion
- Submit two academic or professional letters of recommendation**

They must also meet one of the following requirements:

- Hold one of the following credentials which is equivalent to the pre-admissions requirements:
 - Registered Dietitian Nutritionist (RDN) by the Commission on Dietetic Registration (CDR)
 - Certified Nutrition Specialist (CNS) by the Board of Certification of Nutrition Specialists (BCNS)
 - Certified Clinical Nutritionist (CCN) by the Clinical Nutrition Certification Board (CNCB)

or

- Demonstrate the completion of the following prerequisite requirements from a regionally accredited college or University, or complete missing coursework at MUIH under conditional acceptance to the doctoral program:
 - Nutrition (9 graduate level credits such as macronutrients, micronutrients, and life cycle nutrition)
 - Biochemistry (6 graduate level credits)
 - Physiology or Anatomy and Physiology (3 credits at graduate or bachelor's level acceptable)
 - Clinical, Life, or Physical Sciences (12 credits – graduate or bachelor's level acceptable), including three credits of graduate level statistics/research literacy. Typical courses include biology, botany, microbiology, nutrition science, pathophysiology, and organic or inorganic chemistry.

BACHELOR'S DEGREE PATHWAY

Admission to the bachelor's pathway is competitive and class size is limited.

- Have earned a minimum of a bachelor's degree in a science-related major from a regionally accredited educational institution*
- Have a minimum overall 3.2 GPA in bachelor's level coursework, or if the school uses a pass/no-pass system, passing grades in all coursework
- Submit official transcripts of all coursework taken to verify degree completion
- Submit two letters of recommendation:**
 - One from a previous faculty member
 - One from someone in the nutritional field
- Interview
- Demonstrate the completion of the following prerequisite requirements from a regionally accredited college or university:
 - Biochemistry (3 credits)
 - Physiology or Anatomy and Physiology (3 credits)
 - Organic Chemistry (3 credits)
 - Life or Physical Science (3 credits)

* If the bachelor's degree was not completed at a college or university accredited by a regional accrediting body recognized by the U.S. Department of Education, copies of

the institution's academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

****Must use MUIH-supplied Applicant Recommendation Form**

HEALTH REQUIREMENTS

Students must meet certain health requirements to participate in the clinical phase of this program. For specific requirements, please refer to the Health, Training, and Other Requirements section of this catalog.

ADVANCED STANDING

Institute for Functional Medicine
Institute for Functional Medicine (IFM) Certified Practitioners may be eligible for advanced standing and up to nine credits of course exemption in MUIH's Doctor of Clinical Nutrition program. Candidates for this advanced standing should indicate IFM certification at the time of application for admission to MUIH and must provide documentation before approval for advanced standing.

PROGRAM FORMAT

The Doctor of Clinical Nutrition is a hybrid program designed to be completed in as few as three years, depending on pathway. Coursework is completed through a combination of online and on-campus courses in this format.

MASTER'S DEGREE PATHWAY

Thirty-six of the 48 credits are completed through online courses. Online courses offer flexibility for the student. The syllabus for each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. More information about MUIH's online format is available at www.muih.edu. Online courses run asynchronously throughout each trimester. For trimester start and end dates, see the Academic Calendar. Individual schedules may vary depending on course selection.

Students are required to complete six credits on campus, offered as four 1.5-credit courses offered on weekends. Weekend class times are typically 5:00 – 9:00 pm on Fridays, and 8:30 am–5:30 pm on Saturdays and Sundays. Visit www.muih.edu for specific course schedules or contact the Office of Graduate Admissions.

The final six credits will require the completion of a clinical nutrition residency. The clinical residency may be completed where the student lives, or on the MUIH campus at the Natural Care Center. Students who live in states where MUIH does not have approval for distance learning internship/residency programs will complete

special case study projects and presentations in lieu of residency.

BACHELOR'S DEGREE PATHWAY

Students will complete 69 or 72 credits online, depending on course selection, and will be required to complete seven credits on campus, offered as weekend courses. Six credits will require the completion of a clinical nutrition residency. The clinical residency may be completed where the student lives, or on the MUIH campus at the Natural Care Center. Students who live in states where MUIH does not have approval for distance learning internship/residency programs will complete special case study projects and presentations in lieu of residency. Three credits of clinical studies will be completed online or on campus in trimesters four and five.

ADDITIONAL INFORMATION LICENSURE

Licensing requirements for nutritionists vary by state. To learn the most up-to-date laws and regulations, please refer to each state's board of dietetic practice, or go to www.nutritionadvocacy.org.

CERTIFICATION

Certified Nutrition Specialist (CNS)

Depending upon a student's prior clinical training, the Doctor of Clinical Nutrition may complete the educational requirements needed for graduates to sit for the CNS exam. The Board for Certification of Nutrition Specialists (BCNS) also requires that applicants complete 1000 hours of supervised practice experience and pass the BCNS Certifying exam. The board reviews each applicant individually to determine eligibility.

■ Board for Certification of Nutrition Specialists

211 W. Chicago Avenue, Suite #218
Hinsdale, IL 60521
202-903-0267
www.nutritionspecialists.org

Diplomate of The American Clinical Board of Nutrition

Graduates of the Doctor of Clinical Nutrition are eligible to apply to become a Diplomate of the American Clinical Board of Nutrition. This board requires that applicants hold a professional doctorate and have at least 300 hours of nutrition education and a minimum of two years practice experience, and write an article or paper on a nutritional topic that could be published.

■ American Clinical Board of Nutrition

6885 Browntown Road
Front Royal, VA 22630
540-364-8844
www.acbn.org

Certified Clinical Nutritionist (CCN)

CNCB reviews each applicant individually. They review all transcripts to determine eligibility.

■ **Clinical Nutrition Certification Board**

15280 Addison Road, Suite 130

Addison, TX 75001

972-250-2829

www.cncb.org

POST-BACCALAUREATE CERTIFICATE IN SPORTS PERFORMANCE AND INTEGRATIVE NUTRITION

PROGRAM OVERVIEW

The Post-Baccalaureate Certificate (PBC) in Sports Performance and Integrative Nutrition offers students an opportunity to blend foundational knowledge in holistic nutrition with a broader perspective on the role of nutrition in sports and athletic performance. With an emphasis on whole foods, students will examine diets that maximize nutrients and will learn how to plan and prepare meals to support both physical and mental athletic performance.

PURPOSE

The 13-credit PBC in Sport Performance is designed for sports performance professionals who work with individuals and/or groups, including nutritionists and registered dietitians as well as personal trainers; strength and conditioning coaches; athletic and sports trainers and coaches; exercise specialists; and fitness professionals. It will equip students with the skills to plan diets and prepare meals that maximize nutrients and support athletic performance. Using an evidence-based approach, students will explore the fundamental role of nutrition in sports performance and explore how supplements, caffeine and hydration exert their effects. In keeping with the philosophy and mission of MUIH, this program stresses the concept of self-care – that health and education should be applied to oneself before it can be applied to others – at the same time as it supports organizational structures and benefits that encourage such self-care.

GOALS

- Demonstrate knowledge of the effect of various nutrients, supplements, antioxidants, hydration and caffeine on athletic performance
- Debunk myths and apply evidence-based knowledge into professional life within scope of practice
- Develop meals that enhance athletic performance through a whole foods diet

COURSE OF STUDY

[13 Required Credits]

Number	Course Title	Credits
ISCI 671	Physical Activity and Health	3.0
NUTR 613	Human Nutrition: Macronutrients and Micronutrients	3.0
NUTR 615	Nutrient Optimization for Mental Performance in Athletes	3.0
NUTR 616	Nutrient Optimization for Physical Performance in Athletes	3.0
NUTR 689	Whole Foods Cooking to Support High Performance	1.0
Total Program Credits		13.0

PROGRAM FORMAT

This program is delivered in an online format within a cohort of peers. The program can be completed in one year.

Online courses offer flexibility for the student. The syllabus for each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. For more information about MUIH’s online format, see www.muih.edu.

Online courses run asynchronously throughout each trimester. For trimester start and end dates, see the Academic Calendar. Individual students schedules may vary, depending on course selection and student needs and preferences.

ADMISSION REQUIREMENTS

To be considered for admission to all graduate academic programs, applicants must have a bachelor’s degree from a regionally accredited institution.* In addition, applicants must submit an official transcript for the bachelor’s degree.

*If the bachelor’s degree was not completed at a college or university accredited by a regional accrediting body recognized by the U.S. Department of Education, copies of the institution’s academic catalog may be required and course syllabi may be requested. If the bachelor’s degree was completed at a college or university outside of the United States, a third-party course-by-course academic evaluation is required. Please refer to the International Students section for additional information.

POST-MASTER'S CERTIFICATE IN NUTRITION AND INTEGRATIVE HEALTH

PROGRAM OVERVIEW

The Post-Master's Certificate in Nutrition and Integrative Health offers health professionals and those with advanced science training an opportunity to learn core competencies in the field of holistic nutrition in an online format. As the nation's only such certificate, MUIH's program provides evidence-based nutrition training specifically for health professionals and those with advanced science training, including physicians, physician assistants, registered nurses, nurse practitioners, acupuncturists, herbalists, physical therapists, occupational therapists, dentists, pharmacists, osteopaths, and chiropractors. MUIH's program will set graduates apart from their peers by broadening their expertise and client reach in this rapidly growing field.

Students will integrate a biochemical and molecular understanding of nutrition into a broader context of whole food healing and whole person health and wellness care. Of the 15 credits required for this program, students take 11 core credits and four elective credits. Students can opt to take their elective courses in a variety of areas including sports nutrition, mindful eating, whole food preparation, diabetes education, or Eastern nutrition philosophy. Graduates may be eligible for board certification in the field of nutrition and can advance their career in health care with specialized training in holistic nutrition.

PURPOSE

The Post-Master's Certificate in Nutrition and Integrative Health will provide health professionals with skills and knowledge in the field of nutrition to address patient health concerns and educate patients with whole foods, nutrition supplementation, and other specialized tools and techniques. The program has been designed within the context of MUIH's mission and vision, giving students a contextualized understanding of nutritional science and biochemistry, through exploration of traditional dietary practices and a critical evaluation of current paradigms of nutrition, food, and health.

GOALS

Students who complete this program will:

- Integrate core nutrition competencies into current clinical practice and/or professional work
- Incorporate knowledge of human nutrition and treatment strategies into clinical practice and tailor research projects to develop the evidence base for integrative nutrition
- Demonstrate an integrated knowledge of nutrition that incorporates biochemical, physiological, environmental, and traditional perspectives
- Demonstrate an understanding of the relationship between nutrients and biochemical/physiological processes in health and disease
- Demonstrate an understanding of the various synergistic, antagonistic effects of various nutrients
- Demonstrate a nature-based understanding of whole foods, energetic properties of foods, and effects on mind, body, and spirit
- Demonstrate knowledge of various modern and traditional diets and their effect on human health

COURSE OF STUDY

[11 Required Credits + 4 Elective Credits]

Number	Course Title	Credits
ISCI 626	Nutritional Biochemistry	3.0
NUTR 601	Redefining Nutrition	1.0
NUTR 613	Human Nutrition: Macronutrients and Micronutrients	3.0
NUTR 633	Integrative Client Care: Nutrition Assessment, Applied Biochemistry, and Treatment Planning	4.0

Electives

Total of 4 credits chosen from the following (elective offerings vary by trimester—check the [Schedule of Courses](#) for availability):

Number	Course Title	Credits
NUTR 622	Advanced Biochemistry, Pathophysiology, and Assessment	3.0
NUTR 634	Diabetes Education: An Integrative Approach	1.0
NUTR 641	Life Cycle Nutrition	3.0
NUTR 651a	Clinical Skills I	2.0
NUTR 651b	Clinical Skills II	2.0
NUTR 663	Sports Nutrition	1.0
NUTR 665	Dynamics of Food and Healing	1.0
NUTR 668	Culinary Herbs in the Kitchen and Beyond	1.0
NUTR 672	Mindful Eating and Nourishment	2.0
NUTR 675	Chinese Nutrition Therapy	2.0
NUTR 681	Cooking with Whole Foods Lab I	0.5
NUTR 682	Cooking with Whole Foods Lab II	0.5
NUTR 683	Cooking with Whole Foods Lab III	0.5

NUTR 684	Cooking with Whole Foods Lab IV	0.5
NUTR 686	Cooking with Whole Foods Lab VI	0.5
NUTR 687	Cooking with Whole Foods Lab VII	0.5
NUTR 688	Cooking with Whole Foods Lab VIII	0.5

Total Program Credits	15.0
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PROGRAM FORMAT

This program is delivered in an online format within a cohort of peers. The program can be completed in one year if five credits are taken each trimester.

Online courses offer flexibility for the student. The syllabus for each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. For more information about MUIH's online format, see www.muih.edu.

Online courses run asynchronously throughout each trimester. For trimester start and end dates, see the Academic Calendar. Individual student schedules may vary, depending on course selection and student needs and preferences.

ADMISSION REQUIREMENTS

In addition to the general admissions requirements listed under the Application Requirements section of this catalog, applicants to the Post-Master's Certificate in Nutrition and Integrative Health must:

- Have earned a minimum of a master's degree from an accredited educational institution
- Submit official transcripts of all coursework taken to verify degree completion, along with copies of any licenses or certifications in the field of health care
- Demonstrate completion of the following prerequisite requirements (eligibility to test out or be exempt from the prerequisite requirements is at the discretion of the Academic Director):
 - 3 semester credits of Organic/Biological Chemistry
 - 4 semester credits of Physiology and/or Pathophysiology

or

Submit a copy of official transcripts to verify degree completion along with a copy of license to practice in one of the following fields:

- Nutrition/Dietetics
- Medicine
- Chiropractic Medicine
- Nurse Practitioner
- Physician Assistant
- Dentistry
- Osteopathic Medicine
- Nursing
- Physical Therapy
- Occupational Therapy
- Acupuncture
- Pharmacy
- Other licensed healthcare professionals

ADDITIONAL INFORMATION

LICENSURE

Licensing requirements for nutritionists vary by state. To learn the most up-to-date laws and regulations, please refer to each state's board of dietetic practice, or go to www.nutritionadvocacy.org.

CERTIFICATION

Graduates of the Post-Master's Certificate in Nutrition and Integrative Health may meet the eligibility requirements of several national nutrition boards. Eligibility will be contingent upon prerequisite courses completed prior to entry into the Post-Master's Certificate program. Please contact the appropriate board with questions, and review licensing laws by state for the most up-to-date information.

Certified Nutrition Specialist (CNS)

Depending upon a student's prior clinical training, the Post-Master's Certificate in Nutrition may complete the educational requirements needed for graduates to sit for the CNS exam.

The Board for Certification of Nutrition Specialists (BCNS) also requires that applicants complete 1000 hours of supervised practice experience and pass the BCNS Certifying exam. The board reviews each applicant individually to determine eligibility.

■ Board for Certification of Nutrition Specialists

211 W. Chicago Avenue, Suite #218
Hinsdale, IL 60521
202-903-0267
www.nutritionspecialists.org

Certified Clinical Nutritionist (CCN)

CNCB reviews each applicant individually. They review all transcripts to determine eligibility.

■ Clinical Nutrition Certification Board

15280 Addison Road, Suite 130
Addison, TX 75001
972-250-2829
www.cncb.org

Board Certified In Holistic Nutrition®

Requires at least one herbal elective course.

■ Holistic Nutrition Credentialing Board

P.O. Box 1884
Rancho Cordova, CA 95741-1884
800-342-8037
exam@hncb.org
www.nanp.org/hncb

POST-MASTER'S CERTIFICATE IN NUTRITIONAL GENOMICS IN CLINICAL PRACTICE

PROGRAM OVERVIEW

The Post-Master's Certificate in Nutritional Genomics in Clinical Practice explores the emerging field of Nutritional Genomics research and its application in clinical practice. The culmination of the sequencing of the human genome in 2002 shifted the scope of scientific inquiry from a single gene and its DNA sequence to the study of all of the genetic material, called the genome, which includes those sequences expressed as proteins and the non-expressed sequences that may have a regulatory function. Studies at the molecular level have led to the emergence of new fields such as proteomics, metabolomics and glycomics. Nutrigenomics is at the intersection of nutrition and genetic expression, specifically how nutrients influence the genome and their relationship to health and wellness.

The emergence of this field parallels the emergence of the broader field of precision health care, in which approaches are tailored to individuals based on their unique genetic makeup. The audience for this certificate includes individuals with a master's degree in Clinical Nutrition, those with other clinical master's degrees and advanced clinical degrees such as Medical Doctor, Chiropractic Medicine, Nurse Practitioner, Physician Assistant, Dentist, Osteopathic Physician, Naturopathic Physician, and Doctor of Pharmacology.

PURPOSE

The Post-Master's Certificate provides clinicians with the knowledge to address the relation between nutrition and gene expression in the context of health and wellness and overall clinical care. Nutritional genomics focuses on the interactions between nutrients and an individual's genome. Students will learn how targeted nutritional interventions as part of the therapeutic plan can positively impact client outcomes. The use of genomic testing in clinical practice, the integration of nutritional genomics into clinical practice and the influence of epigenetics and lifestyle on the genome will be explored.

GOALS

- Evaluate the contributions of an individual's genetic and genomic profile to nutrient/genomic interactions and apply to client care
- Assess the utilization of nutritional genomics and genomic testing in clinical practice for clients with specific health conditions

- Analyze the contributions of an individual's genomic profile, lifestyle and diet to their overall health

COURSE OF STUDY

[14 Required Credits]

Number	Course Title	Credits
ISCI 672	Introduction to Genetics, Genomics, and the Omics	3.0
NUTR 617	Nutritional Genomics	3.0
NUTR 638	Genomic Testing in Clinical Practice	3.0
NUTR 639	Integrating Nutritional Genomics into Clinical Care	3.0
NUTR 644	Epigenetics, Nutrients, and Lifestyle Influences on the Genome	2.0
Total Program Credits		14.0

PROGRAM FORMAT

This program is delivered in an online format within a cohort of peers. The program can be completed in one year.

Online courses offer flexibility for the student. The syllabus for each course will provide details about weekly lessons and include expectations, due dates for assignments, and required participation. For more information about MUIH's online format, see www.muih.edu.

Online courses run asynchronously throughout each trimester. For trimester start and end dates, see the Academic Calendar. Individual student schedules may vary, depending on course selection and student needs and preferences.

ADMISSION REQUIREMENTS

In addition to the general admissions requirements listed under the Application Requirements section of this catalog, applicants to the Post-Master's Certificate in Nutritional Genomics in Clinical Practice must:

- Have earned a minimum of a master's degree in an advanced clinical field from an accredited educational institution*
- Submit official transcripts of all coursework taken to verify degree completion
- Demonstrate completion of the following prerequisite requirements (eligibility to test out or be exempt from

the prerequisite requirements is at the discretion of the Academic Director):

- 3 semester credits of Organic/Biological Chemistry
- 3 semester credits of graduate level Nutrition
- 4 semester credits of Physiology and/or Pathophysiology

* If the bachelor's degree was not completed at a college or university accredited by a regional accrediting body recognized by the U.S. Department of Education, copies of the institution's academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

YOGA THERAPY





Yoga Therapy Department

- Master of Science in Yoga Therapy

ADMINISTRATION

Diane Finlayson, M.L.A.

Department Chair

Suzanne Zolnick, M.A.S.

Program Administrator, Yoga Therapy

Matt Mazick

Academic Advisor, Yoga Therapy

CONTACT THE YOGA THERAPY DEPARTMENT

410-888-9048 ext. 6663

yoga@muih.edu

MASTER OF SCIENCE IN YOGA THERAPY

PROGRAM OVERVIEW

Maryland University of Integrative Health’s (MUIH’s) Master of Science in Yoga Therapy is the country’s first master’s degree in yoga therapy. In this 39.5-credit program, students gain a comprehensive foundation in the theory and practice of traditional yogic teachings, as well as modern research perspectives. The curriculum is anchored in a relationship-centered philosophy, honoring a wide range of yoga traditions, and acknowledging the complex interrelationship of body, mind, and spirit. Students gain the practical skills of building a yoga therapy practice through a faculty-supervised practicum and graduate with the knowledge and skills to design tailored, evidence-informed programs for individuals and groups.

PURPOSE

The Master of Science in Yoga Therapy is designed to graduate future leaders in the field of yoga therapy. The curriculum incorporates extensive training in both traditional yogic practices and current yoga research, to honor the roots of the field while advancing its integration into modern health care. Ultimately, the program advocates for yoga therapy as a dynamic and vital approach to whole-person care.

GOALS

Students who complete the program will have the:

- Knowledge of classical and theoretical foundations of the field of yoga therapy
- Knowledge of biomedical systems from an integrative and holistic perspective, as needed for the practice of yoga therapy
- Ability to apply knowledge learned in this curriculum and in previous yoga teacher trainings to assess the needs of clients, to design and implement effective programs, and to assess the effectiveness of these programs
- Ability to effectively use yoga as a therapeutic modality through the integration of diverse approaches to this field
- Knowledge and ability to use professional conduct during the practice of yoga therapy
- Ability to use relationship-based approaches to catalyze positive change or transformation with clients
- Critical thinking skills and science-based literacy to advance the evolution of yoga therapy as an integrative health practice

COURSE OF STUDY

[39.5 Required Credits]

Number	Course Title	Credits
IHM 662	Professional Practices for Yoga Therapy Practitioners I	1.0
IHM 663	Professional Practices for Yoga Therapy Practitioners II	1.0
ISCI 613	Mental Health and Mind Body Science	3.0
ISCI 643	Anatomy and Kinesiology	2.5
ISCI 644	Physiology and Pathology: The Internal Organs	3.0
ISCI 651	Structural Pathology in Integrative Health	3.0
MUIH 550	Academic Research and Scholarship	0.0
YOGA 611	Theoretical Foundations for Yoga Therapy	2.0
YOGA 612	Health and Disease: Yogic Perspectives and Practices	3.0
YOGA 614	Theoretical Foundations and Practical Applications of Yoga Therapy for Mind and Spirit	2.5
YOGA 615	Breath and Health	1.0
YOGA 634	Therapeutic Relationship and Client Education I	1.5
YOGA 635	Therapeutic Relationship and Client Education II	3.0
YOGA 640	Yoga Therapy: Principles and Practices	2.0
YOGA 642	Yoga Therapy: Principles and Practice II	2.0
YOGA 643	Yoga Therapy: Principles and Practice III	2.0
YOGA 644	Mentored Yoga Therapy Student Clinic I	1.5
YOGA 645	Mentored Yoga Therapy Student Clinic II	1.5
YOGA 646	Mentored Yoga Therapy Student Clinic III	2.0
YOGA 649	Clinical Case Reporting in Yoga Therapy	2.0
YOGA 6EX1	Comprehensive First Year Examination	0.0
Total Program Credits		39.5

ADMISSION REQUIREMENTS

To be considered for admission to all graduate academic programs, applicants must have a bachelor’s degree from a regionally accredited institution.* Applicants must submit an official transcript from all post-secondary institutions attended. Please refer to the Application Requirements section for a detailed list of required application materials.

* If the bachelor’s degree was not completed at a college or university accredited by a regional accrediting body, or recognized by the U.S. Department of Education, copies of the institution’s academic catalog and course syllabi may be requested. Please refer to the International Students section for additional information.

ADDITIONAL REQUIREMENTS

Applicants must have earned a minimum of 200-hour teacher training, such as a Yoga Alliance 200-hour registered school program or its equivalent, as well as one year of documented personal practice and one year of documented teaching experience after the completion date of the 200-hour teacher training.

HEALTH REQUIREMENTS

Students must meet certain health requirements to participate in the clinical phase of this program. For specific requirements, please refer to the Health, Training, and Other Requirements section of this catalog.

PROGRAM FORMAT

The Master of Science in Yoga Therapy is designed to be completed on campus in two years of concentrated study. The schedule is designed to accommodate working professionals and includes 15 weekends per year, typically scheduled Friday evenings and all day Saturdays and Sundays. The format may vary during the clinical phase.

ADDITIONAL INFORMATION CERTIFICATION AND LICENSURE

International Association of Yoga Therapists

MUIH's Master of Science in Yoga Therapy is accredited by the International Association of Yoga Therapists (IAYT). Upon completion of the Master of Science in Yoga Therapy program, graduates will be eligible to apply for the International Association of Yoga Therapists (C-IAYT) credential.

IAYT supports research and education in yoga and serves as a professional organization for yoga teachers and yoga therapists worldwide. The mission of IAYT is to establish yoga as a recognized and respected therapy. In July 2012, IAYT adopted the Educational Standards for the Training of Yoga Therapists.

■ International Association of Yoga Therapists

PO Box 251563
Little Rock, AR 72225
928-541-0004
www.iayt.org

APPLIED INTEGRATIVE HEALTH & HEALTH MANAGEMENT DEPARTMENT

ADMINISTRATION

Mary Ellen Hrutka, Ph.D.

Interim Department Chair

Rachel Voss, M.P.A.

Program Administrator

CONTACT THE APPLIED INTEGRATIVE HEALTH & HEALTH MANAGEMENT DEPARTMENT

410-888-9048 ext. 6672

ihm@muih.edu

DEPARTMENT OVERVIEW

The Applied Integrative Health and Health Management Department offers courses in practice building, practice management, and integrative health management for many of MUIH's degree programs. The courses also include the study of integrative health practice models and ethics.

PURPOSE

As a service unit to the other programs, the mission of the Applied Integrative Health and Health Management courses is to provide practice building, practice management, and integrative health management courses that align with the mission and help achieve the goals of the University's academic programs.

GOALS

Students in Applied Integrative Health Management courses develop:

- The practice planning and building skills necessary to plan, manage, promote, protect, and maintain successful holistic and integrative healthcare practices
- An awareness of the ethical, legal, and regulatory environment in which they practice and how to make decisions
- The skills necessary to establish successful and safe clinical and integrative practices
- The skills necessary to collaborate in integrative delivery models
- The skills necessary to design and participate in clinical trials that advance integrative health care

COURSE OF STUDY

The IHM department serves the following programs:

DOCTORAL DEGREES

- Doctor of Acupuncture
- Doctor of Oriental Medicine

MASTER'S DEGREES

- Master of Acupuncture
- Master of Arts in Health and Wellness Coaching
- Master of Oriental Medicine
- Master of Science in Nutrition with area of concentration in Human Clinical Nutrition
- Master of Science in Therapeutic Herbalism with area of concentration in Clinical Herbalism
- Master of Science in Yoga Therapy

HEALTH REQUIREMENTS

Students taking courses housed in the Applied Integrative Health and Health Management may have health requirements as set by their program. For specific requirements, please refer to the Health, Training, and Other Requirements section of the catalog.

APPLIED PHILOSOPHY AND PRACTICES

OVERVIEW

Applied Philosophy and Practices (APP) courses provide foundational philosophy and practices for select Maryland University of Integrative Health (MUIH) programs. For program-specific requirements, please refer to each program section in the Academic Catalog.

PURPOSE

The mission of Applied Philosophy and Practices is to provide forward-thinking, transformative coursework that enhances students' personal growth and well-being and prepares them to serve as healers, leaders, and change catalysts in their chosen fields.

GOALS

Drawing on contemporary research and ancient contemplative practices, students in APP courses will develop the knowledge, skills, and practices that will enable them to:

- Understand and apply MUIH's Foundational Principles in their lives
- Become increasingly mindful, self-reflective, and intentional
- Foster self-care and positive relationships with others
- Challenge assumptions that may inhibit personal well-being and the ability to build rapport with others

COURSE OF STUDY

The APP department serves the following programs:

DOCTORAL DEGREES

- Doctor of Acupuncture
- Doctor of Oriental Medicine

MASTER'S DEGREES

- Master of Acupuncture
- Master of Oriental Medicine
- Master of Arts in Health and Wellness Coaching
- Master of Science in Nutrition with area of concentration in Human Clinical Nutrition
- Master of Science in Therapeutic Herbalism with area of concentration in Clinical Herbalism

ACADEMIC CERTIFICATES

- Post-Baccalaureate Certificate in Health and Wellness Coaching

INTEGRATIVE HEALTH SCIENCES

OVERVIEW

Integrative Health Sciences (ISCI) courses provide foundational and specialized science content for most of Maryland University of Integrative Health's (MUIH's) programs. For program-specific requirements, please refer to each program's section in the Academic Catalog.

PURPOSE

ISCI coursework enables students to use knowledge of scientific concepts and processes as part of analysis and decision making in healthcare.

GOALS

Students in ISCI courses will develop the knowledge, skills, and habits of mind to:

- Describe health and disease from the perspective of the biomedical sciences
- Explain health and disease from an integrative and biopsychosocial perspective
- Assess the biological basis for complementary and integrative health approaches
- Analyze the scientific evidence for benefits and harms from complementary and integrative health approaches

COURSE OF STUDY

ISCI courses are part of the curriculum in the following programs:

DOCTORAL DEGREES

- Doctor of Acupuncture
- Doctor of Clinical Nutrition
- Doctor of Oriental Medicine

MASTER'S DEGREES

- Master of Acupuncture
- Master of Arts in Health and Wellness Coaching
- Master of Arts in Integrative Health Studies
- Master of Oriental Medicine
- Master of Science in Health Promotion
- Master of Science in Nutrition and Integrative Health Master of Science in Therapeutic Herbalism
- Master of Science in Yoga Therapy

ACADEMIC CERTIFICATES

- Post-Baccalaureate Certificate in Health and Wellness Coaching
- Post-Baccalaureate Certificate in Herbal Studies
- Post-Baccalaureate Certificate in Integrative Health Studies
- Post-Baccalaureate Certificate in Sports Performance and Integrative Health
- Post-Master's Certificate in Nutrition and Integrative Health
- Post-Master's Certificate in Nutritional Genomics in Clinical Practice

RESEARCH DEPARTMENT

ADMINISTRATION

Steffany Moonaz, Ph.D.

Department Chair

Melissa Smith, M.S.

Department Administrator

CONTACT THE RESEARCH DEPARTMENT

410-888-9048 ext. 6733

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DEPARTMENT OVERVIEW

The Research Department (RSCH) provides foundational and specialized research courses for most of Maryland University of Integrative Health's (MUIH's) programs. For program-specific requirements, please refer to each program's section in the Academic Catalog.

PURPOSE

The mission of the Research Department is to provide innovative coursework that enables students to access, evaluate, and apply the best available evidence for answering questions and informing decisions. RSCH coursework facilitates evidence-informed care within the context of integrative health disciplines.

GOALS

Students in RSCH courses will develop the knowledge, skills, and habits of mind to:

- Explain the importance of research literacy and evidence-informed practice to integrative health
- Describe the strengths and limitations of common study designs in integrative health research
- Assess the relevance of a specific research article to integrative health care
- Analyze the collective evidence for a specific practice-based question related to integrative health care
- Communicate with other health professionals about the current research evidence in integrative health
- Apply the current research literature to a practice-based question in integrative health care
- Generate contributions to the existing integrative health literature

COURSE OF STUDY

The Research Department serves the following programs:

DOCTORAL DEGREES

- Doctor of Acupuncture
- Doctor of Clinical Nutrition
- Doctor of Oriental Medicine

MASTER'S DEGREES

- Master of Acupuncture
- Master of Oriental Medicine
- Master of Science in Nutrition and Integrative Health
- Master of Science in Therapeutic Herbalism

COURSES FOR ADVANCED SPECIAL STANDING (CASS)

The Courses for Advanced Special Standing (CASS) are designed for individuals who would like to take a few courses and are not ready to enroll in an academic degree program.

An individual may complete a maximum of nine credits of Courses for Advanced Special Standing. Upon completion of nine credits, the individual must either be admitted as a degree-seeking student at MUIH, or submit a letter of request to the Graduate Admissions Office to continue enrolling in individual courses along with the reasons for continuing in this status.

The Courses for Advanced Special Standing application and accompanying documents must be submitted and approved by the Graduate Admissions Office by the desired trimester's application deadline. Registering as part of the Courses for Advanced Special Standing is subject to enrollment limits in the desired courses. Priority in the registration process will be given to MUIH degree-seeking students.

CASS COURSES

Course Code	Name	Credit
AOM601	History of Acupuncture and Oriental Medicine	2
AOM611	Foundations of Oriental Medicine I	2
AOM612a	Foundations of Oriental Medicine II	2
AOM612b	Constitutional Five Element Acupuncture I	2
AOM631	Diagnostic Skills I	1.5
AOM681	Self-Cultivation I	0.5
AOM719	Theory: NCCAOM Exam Preparation	0
APP 606	Becoming a Healing Presence	3
AYUR 630	Foundations Of Ayurveda	3
HRB 600	Fundamentals of Herbal Medicine	3
HRB 605	Materia Medica I	3
HRB 622	Herbal Pharmacy	3
HRB 641	Safety of Botanical Medicine	3
IHED610	Fundamentals of Health Education and Health Behavior	3
IHED625	Research Methods	3
IHED631	Topics in Diversity for Health and Healing	3
IHED637	Principles and Practices of Health Behavior and Self-Care	1.5
IHM611	Practice Management: Ethics for the Wellness Profession	1.5
ISCI522	Foundations in Organic Chemistry	3
ISCI547a	Physiology I: Healthy Function	3
ISCI615	Mind Body Science	3
ISCI626	Nutritional Biochemistry	3
ISCI630A	Survey of Complementary Health Approaches	3
ISCI631	Introduction to CIH	1.5
ISCI640	Clinical Anatomy: Regional and Surface Anatomy	3
NUTR601	Redefining Nutrition	1
NUTR602	NUTRITION: Food and Balance	3
NUTR614	Human Nutrition I: Macronutrients	2
NUTR665	The Dynamics of Food and Healing	1
NUTR671	Food and Culture	1
NUTR672	Mindful Eating and Nourishment	2
NUTR675	Chinese Nutrition Therapy	2
NUTR681	Cooking with Whole Foods Lab I	0.5
NUTR682	Cooking with Whole Foods Lab II	0.5
NUTR683	Cooking with Whole Foods Lab III	0.5
NUTR684	Cooking with Whole Foods Lab IV	0.5
NUTR687	Cooking with Whole Foods Lab VII	0.5
NUTR688	Cooking with Whole Foods Lab VIII	0.5
RSCH601	Research Literacy in Integrative Health	3

COURSE DESCRIPTIONS

AOM014

FIVE ELEMENT PROJECT

In this course, students create independent study projects that demonstrate their embodiment of the Five Elements. Projects are presented to the class.

Credits: 0

Prerequisite: AOM613b

AOM095

ORIENTATION TO CLINICAL PRACTICE

In preparation for Clinical Practice Observations, students gain a basic understanding of the learning objectives, outcomes, and requirements of the student teaching clinic at the Natural Care Center, an introduction to the systems and policies in use and governing the operations of the Natural Care Center, and a refresher on the legal and regulatory issues governing their work in the Natural Care Center, patient confidentiality, emergency procedures, and boundaries.

Credits: 0

Prerequisite: IHM611

AOM096

PRE-CLINIC RETREAT

At an off-site retreat with faculty members, students celebrate the rite of passage that is the transition into their clinical phase. Students have the opportunity to develop a sense of community among their classmates, to apply their education, and to replenish their personal resources in preparation for their transition to clinical and professional practice.

Credits: 0

Prerequisite: AOM645 and AOM655

AOM601

HISTORY OF ACUPUNCTURE AND ORIENTAL MEDICINE

In this course, students learn the history and development of

acupuncture and oriental medicine, its philosophical underpinnings and cultural influences. The study of classical texts and Chinese characters will serve as a guide for this journey through the historical and cultural influences of this medicine.

Credits: 2

AOM611

FOUNDATIONS OF ORIENTAL MEDICINE I

Grounded in classical literature, this course provides students with an overview of the foundational laws and theories that underpin the field of acupuncture and oriental medicine. This course introduces concepts such as the Dao, Yin and Yang, Qi, the Vital Substances, the Five Elements/Phases and their correspondences, the Zang and Fu, and the channels and points.

Credits: 2

AOM612A

FOUNDATIONS OF ORIENTAL MEDICINE II

Building on the concepts in Foundations of Oriental Medicine I, this course deepens students' understanding of acupuncture and oriental medicine and provides students with an introduction to Chinese energetic anatomy and physiology. This course will focus on the meridians and channel systems, the vessels, and the basic functions of the organs (Zang and Fu). Students will also be introduced to the internal and external causes of disease.

Credits: 2

Prerequisite: AOM611

AOM612B

CONSTITUTIONAL FIVE ELEMENT ACUPUNCTURE I

This course deepens students' study of Constitutional Five Element Acupuncture and teaches the Principles of Healing, the

Laws of Nature, the Medicine of the Wu Xing (Five Phases), the function of the Twelve Officials and correspondences, and the role of the Constitutional Factor in health and healing.

Credits: 2

Prerequisite: AOM611

AOM613A

FOUNDATIONS OF ORIENTAL MEDICINE III

Building on the concepts in Foundations of Oriental Medicine II, this course continues to develop students' understanding of acupuncture and oriental medicine and deepens their study of Chinese energetic anatomy and physiology, including an increased focus on classical point functions and applications.

Credits: 1.5

Prerequisite: AOM612a

AOM613B

CONSTITUTIONAL FIVE ELEMENT ACUPUNCTURE II

This course is an in-depth study of the treatment principles that form the foundation of Constitutional Five Element Acupuncture. This course continues the study of the Twelve Officials, their expression (in health and disharmony) on a body, mind, and spirit level, as well as the techniques that govern the movement, healing, and transformation of Qi within this tradition. An emphasis will be placed on applied five element theory and treatment planning.

Credits: 2.5

Prerequisite: AOM612b

AOM614

PATTERNS OF DISHARMONY I

Building on Foundations of Oriental Medicine I and II, students study the Eight Principles in Chinese Medicine and deepen their understanding

of Zang Fu theory and Patterns of Disharmony.

Credits: 2

Prerequisite: AOM613a

AOM614B

VISITING SCHOLAR INTENSIVE I

In this course students have the opportunity to learn from renowned experts in Chinese medicine.

Credits: 1

Prerequisite: AOM601 and AOM613a

AOM615A

PATTERNS OF DISHARMONY II

Students deepen their study of Eight Principles in Chinese Medicine and deepen their exploration of Zang Fu theory and Patterns of Disharmony. An emphasis is placed on the clinical application of these theories.

Credits: 2

Prerequisite: AOM614

AOM615B

TREATMENT PLANNING AND DESIGN

This course builds on the theory courses in earlier trimesters and explores methods of treatment planning through discussion of cases as presented in Clinical Theater and case presentation with senior faculty.

Credits: 2

Prerequisite: AOM613b and AOM614 and AOM634a

AOM615C

POINT FUNCTIONS AND APPLICATIONS

Building upon the knowledge of the channels, vessels, and point categories introduced in Foundations of Oriental Medicine this course is an in depth exploration of empirical point functions, clinical application of the points, and the spirit of the points.

Credits: 3

Prerequisite: AOM613b and AOM614

AOM622

POINT LOCATION I

In a series of didactic and experiential courses, students learn the location of all acupuncture points on the twelve

primary meridians, the conception and governing vessels, and a number of extra points not located on the major meridians. Students gain an understanding of respectful touch principles, including techniques to move and position the body.

Credits: 3

Prerequisite: ISCI640

AOM623

POINT LOCATION II

In a series of didactic and experiential courses, students learn the location of all acupuncture points on the twelve primary meridians, the conception and governing vessels, and a number of extra points not located on the major meridians. Students gain an understanding of respectful touch principles, including techniques to move and position the body.

Credits: 3

Prerequisite: AOM622

AOM624

POINT LOCATION III

In a series of didactic and experiential courses, students learn the location of all acupuncture points on the twelve primary meridians, the conception and governing vessels, and a number of extra points not located on the major meridians. Students gain an understanding of respectful touch principles, including techniques to move and position the body.

Credits: 3

Prerequisite: AOM623

AOM625

POINT LOCATION IV

In a series of didactic and experiential courses, students learn the location of all acupuncture points on the twelve primary meridians, the conception and governing vessels, and a number of extra points not located on the major meridians. Students gain an understanding of respectful touch principles, including techniques to move and position the body.

Credits: 2

Prerequisite: AOM624

AOM631

DIAGNOSTIC SKILLS I

In this course students are introduced to the foundational diagnostic tools of acupuncture and oriental medicine. Students develop the skills needed to engage their senses and are introduced to the Four Inspections (to see, to hear, to ask, to feel).

Credits: 1.5

AOM632

DIAGNOSTIC SKILLS II

In this experiential course, students will learn the diagnostic skills and assessment techniques critical to the practice of Constitutional Five Element Acupuncture (CFEA). This class introduces the diagnostic tools of color, sound, odor and emotions and pulse skills relevant to CFEA acupuncture. As part of this course, students will complete 10 hours (5 treatments) in the acupuncture student teaching clinic in the Natural Care Center.

Credits: 1

Prerequisite: AOM631

AOM633

DIAGNOSTIC INTERACTION

In this course students experience and develop an embodied definition of rapport and its use in therapeutic relationships. Students expand their diagnostic skills through practical exercises focusing on mannerisms, body posture, voice, and attitude.

Credits: 1.25

Prerequisite: AOM632

AOM634A

PATIENT INTAKE AND ASSESSMENT

This course teaches students the fundamental tools used in assessment and diagnoses. Students learn how to conduct an initial intake, conduct a clinical interview and patient history, perform a Chinese medical physical exam, organize their findings, and accurately record information using SOAP notes, and construct a treatment plan from this information.

This course is constructed as a clinical theater. Students will interview each other in front of the class, will receive feedback, and refinement of their assessment and treatment plan from their classmates and the instructor.

Credits: 2.5

Prerequisite: AOM633 and AOM643

AOM634B

DIAGNOSTIC SKILLS LAB I

Directly following Patterns of Disharmony I, this course, through both observation and hands on practice, will give students the opportunity to practice the diagnostic tools and skills that they have learned. Emphasis will be on pulse and tongue diagnosis through this lens.

Credits: 0.75

Prerequisite: AOM613a and AOM633 and AOM643

AOM635

DIAGNOSTIC SKILLS LAB II

Directly following Patterns of Disharmony II, this course, through both observation and hands on practice, will give students the opportunity to practice the diagnostic tools and skills that they have learned. Emphasis will be on pulse and tongue diagnosis through this lens.

Credits: 0.5

Prerequisite: AOM634b

AOM643

TREATMENT SKILLS I

Students practice the clinical skills taught in Constitutional Five Element I and II, using each other as models. Students are taught and given the opportunity to practice needle techniques and the use of moxibustion.

Credits: 1

Prerequisite: ISCI754

AOM645

CLINICAL THEATER LAB

Immediately following Clinical Theater, students will have the

opportunity to practice and enhance their treatment skills, with emphasis on the treatment techniques performed during the clinical theater course.

Credits: 0.5

Prerequisite: AOM634a and AOM634b

AOM653

CLINICAL OBSERVATION I

This course provides students with the ability to observe the application of the theoretical concepts introduced in Constitutional Five Element Acupuncture I. This course is taught through observation of a senior practitioner, case presentation, discussion of treatment strategies and collaborative treatment planning. Students will also complete 10 hours (5 treatments) of observation in the acupuncture student teaching clinic in the Natural Care Center.

Credits: 0.75

Prerequisite: AOM612b and AOM632

AOM654

CLINICAL OBSERVATION II

This course provides students with the ability to observe the application of the theoretical concepts introduced in Constitutional Five Element Acupuncture I and II, and Patterns of Disharmony I. This course is taught through observation of a senior practitioner, case presentation, discussion of treatment strategies and treatment planning. This course provides students with the opportunity to observe phenomena and to learn how phenomena lead to assessments. Students will also complete 10 hours (5 treatments) of observation in the acupuncture student teaching clinic in the Natural Care Center.

Credits: 0.75

Prerequisite: AOM653

AOM655

CLINICAL THEATER

In this hands-on course, students conduct a faculty-supervised intake

and assessment, rotate as primary and secondary practitioners, create a diagnosis, and design a treatment strategy and treatment plan. They carry out the treatment plan by treating the patient in rotation over the course of the trimester. Students receive individual feedback and assessment in each role.

Credits: 1

Prerequisite: AOM634a and AOM634b

AOM665

PHYSIOLOGY III: INTEGRATION WITH ORIENTAL MEDICINE

This course views medical conditions from a Chinese medical perspective, in parallel to a western pathophysiology course. In this course, we will examine the possible substance and organ disharmonies, possible etiologies, and possible treatment strategies and lifestyle suggestions, integrating the Chinese perspective with a Western perspective.

Credits: 1

Prerequisite: AOM615a and 1 of the following: ISCI547a and ISCI548

AOM681

SELF-CULTIVATION I

This experiential course introduces students to the philosophy, practice, and therapeutic application of qi through the study of classical self-cultivation practices, such as Tai Ji, Qi Gong, and Daoist meditation.

Credits: 0.5

AOM682

SELF-CULTIVATION II

This experiential course builds on previous self-cultivation courses. Students learn the philosophy, practice, and therapeutic application of qi through the study of classical self-cultivation practices, such as Tai Ji, Qi Gong, and Daoist meditation.

Credits: 0.5

Prerequisite: AOM681

AOM683**SELF-CULTIVATION III**

This experiential course builds on previous self-cultivation courses. Students learn the philosophy, practice, and therapeutic application of qi through the study of classical self-cultivation practices, such as Tai Ji, Qi Gong, and Daoist meditation.

Credits: 0.5

Prerequisite: AOM682

AOM685**SELF-CULTIVATION IV**

This experiential course builds on previous self-cultivation courses. Students learn the philosophy, practice, and therapeutic application of qi through the study of classical self-cultivation practices, such as Tai Ji, Qi Gong, and Daoist meditation.

Credits: 0.5

Prerequisite: AOM683

AOM690A**INTRODUCTION TO COMMUNITY**

Acupuncture and Supervised Community Practice I
Following an introduction to community based treatment models, such as the treatment of addiction and recovery using the NADA protocol and treatment during stress and crisis, students will begin treatment in community sites. Students spend a minimum of 10 at community health sites where they gain experience using acupuncture and life-skills treatment models for community health.

Credits: 0.5

Prerequisite: ISCI754

AOM690B**SUPERVISED COMMUNITY PRACTICE II**

Students continue their supervised clinical practice in the community health setting. Students may continue to treat in addiction and recovery using the NADA protocol and broaden their work in community settings, to include the use of the NADA or AWB protocol for patients suffering from

trauma and stress. Students spend a minimum of 16 hours treating in a community health setting.

Credits: 0.25

Prerequisite: AOM690a

AOM690C**SUPERVISED COMMUNITY PRACTICE III**

Students continue to experience community based treatment models with an emphasis in behavioral health, addictions and trauma recovery. Experiences in hospital, corporate and educational wellness programs are also woven into the Community Health Initiative (CHI) curriculum. This is the third in a series of clinical classes where students learn the NADA 5-needle ear acupuncture protocol and provide the treatment at different community sites. Each student completes a minimum of 16 hours of treatment that are provided in the community outside of classroom time. Upon completion of AOM690c students meet all the criteria needed for NADA certification.

Credits: 0.25

Prerequisite: AOM690b

AOM6EXI**AOM COMPREHENSIVE EXAM LEVEL TWO**

This comprehensive exam tests level two students on the body of knowledge they have learned in the first five trimesters of schooling.

Credits: 0

Prerequisite: AOM613b and AOM614 and AOM634a

AOM716**WRITING A CASE REPORT**

Students are guided through the process of creating a retrospective case report for a patient they have been treating in the faculty supervised clinic. The report will meet professional publishing criteria and to meet California requirements.

Credits: 1

Prerequisite: AOM790c7

AOM717A**VISITING SCHOLAR INTENSIVE II**

In this course students have the opportunity to learn from renowned experts in Chinese medicine.

Credits: 1

Prerequisite: AOM614b

AOM717B**ADVANCED TREATMENT PLANNING**

Building on the foundational treatment planning course in an earlier trimester, this course will explore methods of integration of acupuncture theories and treatment planning through case presentation with senior faculty.

Credits: 2

Prerequisite: AOM615a and AOM615b and AOM790c6

AOM719**THEORY: NCCAOM EXAM PREPARATION**

This course is designed to prepare students to sit for the NCCAOM national certification exam modules in the foundations of Oriental medicine, acupuncture, and biomedicine. The course provides a structured study experience for students.

Credits: 0

Prerequisite: AOM790c6

AOM719A1**PAIN MANAGEMENT IN ORIENTAL MEDICINE**

This course deepens students' understanding of the nature and causes of pain and the treatment and management of patients with acute and chronic pain. Students will demonstrate how to clinically approach pain from multiple perspectives, including five element, the channels, and patterns of disharmony. The focus of this course will be on the clinical application of treatment strategies and will include students presenting and being mentored in the treatment of their own patients in the Natural Care Center student clinic.

Credits: 3

Prerequisite: ISCI758b

AOM719A2 **WOMEN'S HEALTH IN** **ORIENTAL MEDICINE**

This course deepens students' understanding of women's health and wellness from an allopathic and Chinese medical perspective. Topics may include the menstrual cycle, sexuality, reproduction, menopause and disorders of the reproductive system. The focus of this course will be on the clinical application of treatment strategies, and will include students presenting and being mentored in the treatment of their own patients in the Natural Care Center student clinic.

Credits: 3

Prerequisite: ISCI758b

AOM719A3 **ADVANCED CONSTITUTIONAL** **FIVE ELEMENT ACUPUNCTURE**

This course is designed to cultivate a student's proficiency in the practice of Constitutional Five Element Acupuncture (CFEA). Taught by practitioners who emphasize the clinical significance and application of CFEA theory, assessment, diagnosis and treatment, students will be mentored and guided in the treatment of their own patients. This course is designed to cultivate a student's proficiency in the practice of Constitutional Five Element Acupuncture (CFEA). Taught by practitioners who emphasize the clinical significance and application of CFEA theory, assessment, diagnosis and treatment, students will be mentored and guided in the treatment of their own patients.

Credits: 3

Prerequisite: ISCI758b

AOM726 **POINT LOCATION V**

In a series of didactic and experiential courses, students learn the location of all acupuncture points on the twelve primary meridians, the conception and governing vessels, and a number of extra points not located on the major meridians. Students gain an

understanding of respectful touch principles, including techniques to move and position the body.

Credits: 2

Prerequisite: AOM625

AOM746 **TRANSFORMING AND** **HEALING THE EMOTIONS**

Students view the process of healing and transformation in the emotional body to more effectively assess, treat and support their patients. This course provides students with experiential and didactic skills for engaging patients on the emotional level and with the ability to integrate those skills with other diagnostic and treatment skills previously learned in the program.

Credits: 1

Prerequisite: AOM633 and AOM655 and APP 615

AOM747 **ADVANCED TREATMENT SKILLS**

Students learn and practice advanced treatment skills, including cupping, gua sha, bleeding by lancet, and advanced needling and moxibustion.

Credits: 0.75

Prerequisite: AOM643 and AOM790b6

AOM748 **SPECIAL CLINICAL TECHNIQUES** **OF CHINESE MEDICINE**

Through hands-on learning, demonstration, and lecture this class introduces students to additional theories, techniques and clinical treatment in Chinese medicine.

Credits: 0.75

Prerequisite: AOM747

AOM758 **CLINICAL OBSERVATIONS:** **CASE PRESENTATIONS**

This course supports the emerging practitioner in becoming a transformational healer. Clinical students present patients in class for observation and discussion. Students discuss the many issues that are involved in the treatment of a patient.

Credits: 1

Prerequisite: AOM654 and AOM790c8

AOM776A **FIVE ELEMENT THEORY** **INTEGRATION INTENSIVE I**

This series of classes, in intensive format with the Chinese herbal medicine students, is an opportunity to explore the roots of constitutional five element acupuncture in key classical texts. This material will also deepen students' understanding of essential Chinese medical physiology and the integration of five element theory and pattern differentiation.

Credits: 0.5

Prerequisite: AOM613b and AOM614

AOM776B **FIVE ELEMENT THEORY** **INTEGRATION INTENSIVE II**

This series of classes, in intensive format with the Chinese herbal medicine students, will further explore the roots of constitutional five element acupuncture in key classical texts. This material will also deepen students' understanding of essential Chinese medical physiology and the integration of five element theory and pattern differentiation.

Credits: 0.5

Prerequisite: AOM613b and AOM614

AOM790B6 **SUPERVISED CLINICAL** **PRACTICE: CORE GROUP**

This course focuses on patient management and treatment planning concerns that may arise as students develop as practitioners while working with patients under supervision in the faculty supervised clinic.

Credits: 1

Prerequisite: AOM095 and AOM790c5

AOM790B7 **Supervised Clinical Practice: Core** **Group**

This course focuses on patient management and treatment planning concerns that may arise as students

develop as practitioners while working with patients under supervision in the faculty supervised clinic.

Credits: 1

Prerequisite: AOM790b6

AOM790B8 **SUPERVISED CLINICAL PRACTICE: CORE GROUP**

This course focuses on patient management and treatment planning concerns that may arise as students develop as practitioners while working with patients under supervision in the faculty supervised clinic.

Credits: 1

Prerequisite: AOM790b7

AOM790B9 **SUPERVISED CLINICAL PRACTICE: CORE GROUP**

This course focuses on patient management and treatment planning concerns that may arise as students develop as practitioners while working with patients under supervision in the faculty supervised clinic.

Credits: 1

Prerequisite: AOM790b8

AOM790C5 **SUPERVISED CLINICAL PRACTICE**

Students begin their clinical practices, acting as a secondary practitioner. This includes assisting with the assessment, treatment planning, and treatment of the client of a more senior student practitioner while under close supervision by clinical faculty and learning the skills necessary to become effective, safe, and independent practitioners of acupuncture.

Credits: 0.5

Prerequisite: AOM095 and AOM613a and AOM613b and AOM634a

AOM790C6 **SUPERVISED CLINICAL PRACTICE**

As primary practitioners, students perform treatments on their own patients or assist other student practitioners as secondary practitioners under close supervision of clinical faculty while learning the skills necessary to become effective, safe, and independent practitioners of acupuncture.

Credits: 1.5

Prerequisite: AOM6EXI and AOM790c5

AOM790C7 **SUPERVISED CLINICAL PRACTICE**

As primary practitioners, students perform treatments on their own patients or assist other student practitioners as secondary practitioners under supervision of clinical faculty while learning the skills necessary to become effective, safe, and independent practitioners of acupuncture.

Credits: 3.25

Prerequisite: AOM790c6

AOM790C8 **SUPERVISED CLINICAL PRACTICE**

As primary practitioners, students perform treatments on their own patients or assist other student practitioners as secondary practitioners under close supervision of clinical faculty while learning the skills necessary to become effective, safe, and independent practitioners of acupuncture. The focus of clinical practice in this trimester will be the integration of Constitutional Five Element Acupuncture with Eight Principle treatment strategies.

Credits: 5.75

Prerequisite: AOM790c7

AOM790C9 **SUPERVISED CLINICAL PRACTICE**

As primary practitioners, students perform treatments on

their own patients or assist other student practitioners as secondary practitioners under close supervision of clinical faculty while learning the skills necessary to become effective, safe, and independent practitioners of acupuncture. The focus of clinical practice in this trimester will be the integration of Constitutional Five Element Acupuncture with Eight Principle treatment strategies and the application of material learned in students' senior selection coursework.

Credits: 5.75

Prerequisite: AOM790c8

AOM794 **COLLABORATIVE CARE**

This course explores the structure and responsibilities of an integrative healthcare team, familiarizing students with the dynamics of a hospital or multi-modality clinical setting. This includes working collaboratively with medical doctors, other allied health practitioners, and patients.

Credits: 2

Prerequisite: AOM790c6 and 1 of the following: ISCI701, or RSCH601

AOM7EXI **AOM ORAL EXAM LEVEL THREE**

As a student nears completion of the academic and clinical requirements, they sit with a panel of senior faculty members and are quizzed orally about the foundation, theory, clinical practices, science and structural aspects of acupuncture as well as ethical and legal aspects of the practice of acupuncture.

Credits: 0

Prerequisite: AOM790c8

APP606 **BECOMING A HEALING PRESENCE**

This experiential course introduces students to the process of developing a healing presence, a key component of MUIH's academic programs. Students are introduced to MUIH's foundational philosophical principles, as well as living in accordance with

the rhythms of nature, observing symptoms of illness as our teachers, and the skillful use of language as a tool for being a catalyst for change. To deepen their capacity to be a healing presence, students learn and regularly practice mindfulness techniques such as breathing, meditation and movement.

Credits: 3

APP607 **INTRODUCTION TO HEALING PRESENCE**

This experiential course introduces key frameworks and qualities of developing a healing presence. Students gain an understanding of the role healing presence plays in building positive relationships and are taught practices that lead to developing the healing presence qualities of mindfulness, compassion, empathy and the skillful use of language.

Credits: 1

APP612 **BECOMING A HEALING PRESENCE: HEALERSHIP**

This course identifies the foundational principles of developing the qualities of healing presence and guides students through the practical applications of these principles such as living with mindfulness and the rhythms of nature, the skillful use of language, and the recognition of the interconnection of all life.

Credits: 1.5

APP613 **BECOMING A HEALING PRESENCE I**

A strong foundation to all healing professions is self-awareness, self-regulation and self-care. The classical Daoist philosophy, Buddhist philosophy, the neuroscience of mindfulness and somatic awareness are used as a foundation for personal transformation. Students are also introduced to tools for supporting their own healing, health and personal transformation.

Credits: 1.5
Prerequisite: APP 612

APP614 **BECOMING A HEALING PRESENCE II**

To develop a healing presence, one must develop an embodied cognition as well as coherence between thoughts, words and actions. This course focuses on the impact that language has on human thought, perception, behavior and healing outcomes. Students construct a life-affirming narrative as a tool for their own healing and transformation and they provide insight and feedback to one another concerning character strengths and behaviors related to the development of healing presence.

Credits: 1.5
Prerequisite: APP 613

APP615 **BECOMING A HEALING PRESENCE III**

Students learn the principles of building rapport and facilitating positive change in a clinical setting. Students gain an understanding of the barriers to making positive change. Through peer interactions, students apply the use of transformational language, active listening, and respectful inquiry as a foundation to building rapport. Students continue to develop a mindfulness practice and share their self-observations (2 day intensive followed by weekly classes)

Credits: 1.5
Prerequisite: APP 614

APP616 **BECOMING A HEALING PRESENCE IV**

Fundamental to being a Healing Presence is the ability to offer compassion and support to individuals experiencing death, dying and grief. Students examine a variety of cultural paradigms, reflect on their own beliefs and experiences with death, dying and grief to cultivate the ability to skillfully attend to others. In addition, students will deepen

their healing presence skills through modeling the qualities and capacities of the five elements in interpersonal simulations.

Credits: 1.5
Prerequisite: APP 615

APP700 **MINDFULNESS, MEDITATION, AND HEALTH**

Mindfulness and meditation practices are tools that can help support balance and wellness in people's lives. This highly experiential course is designed to teach core mindfulness and meditation skills and the specific applications to supporting health and well being. Students will gain an understanding of the neuroscience behind these practices and how to practically apply scientifically-based techniques with clients.

Credits: 3

APP710 **BECOMING A HEALING PRESENCE V**

This final course in the Healing Presence series, provides students a retrospective opportunity to reflect, synthesize and demonstrate the knowledge gained from the series of Healing Presence courses. This retrospection allows students to review and integrate the qualities of healing presence and the practices that engender them. Students will create a professional portfolio of artifacts such as a blog posts, short videos, lesson plans and a toolkit of practices that can be shared with others as well as support their own ongoing development in healing presence.

Credits: 1.5
Prerequisite: AOM790c8 and APP 616

AYUR630 **FOUNDATIONS OF AYURVEDA**

This course provides the history and philosophies that serve as the foundation for Ayurveda. Students will understand the basics of Ayurvedic theory, including the five

elements and the doshas, and learn how these theories and principles support the practices of Ayurveda. Basic Ayurvedic anatomy and physiology, concepts of mind body layers, tissues, systems, and channels will be introduced, as well as relevant terms in Sanskrit.

Credits: 3

AYUR631

AYURVEDA AND THE MIND

This course introduces Ayurvedic perspectives on the structure and function of the mind, including states of balance and imbalance and the role the mind plays in creating health and wellness. Students learn how awareness of Ayurvedic concepts of the mind can support a shift in one's approach to life's challenges. The importance of Ayurvedic wellness techniques, including daily movement and breathing practices, mantras and meditation, are introduced.

Credits: 3

Prerequisite: AYUR 630

AYUR633

AYURVEDIC NUTRITION AND HERBS

Students learn and practice Ayurvedic approaches to food selection and preparation, understand how personalized food choices can support an individual's health and wellness, and how food energetics are tailored to support the doshas. Students will be introduced to healing properties of culinary herbs, three primary non-culinary Ayurvedic herbs/compounds and the primary media used to deliver herbs for healing. Students will learn to safely and effectively teach others about Ayurvedic approaches to herb selection and food preparation.

Credits: 3

Prerequisite: AYUR 630

AYUR635

AYURVEDIC LIFESTYLE SKILLS AND SELF-CARE

Students will learn how to design individual plans of care based on the

flow of the day and the flow of the seasons using Ayurvedic wellness practices. Limitations of the practices described here will be addressed, and students will learn how to apply their studies to their own lives, and in wellness plans with others.

Credits: 3

Prerequisite: AYUR 630 and AYUR 631 and AYUR 633

CHP623A

CHINESE HERBAL MEDICINE THEORY I

This course traces the history of Chinese Herbal Medicine from pre-Han shamanic practices through 2000 years of development to contemporary practice. Focus will be on seminal figures, foundational theories and major currents that continue to shape modern practice. The traditional classification of herbs and formulas will be taught. The basic organization of materia medica and formularies will be presented. Comparison between older classification systems and contemporary systems are discussed.

Credits: 4.5

CHP623B

FIVE ELEMENT THEORY & INTEGRATION I

This series of classes focuses on the integration of the Five Element theory with classical herbal medicine. Each of the Elements are explored in depth in both theory and practical applications of herbal strategies. Patterns of Disharmony are correlated with the Elements. Signature herbs and formulas are presented for each Element. Earth and Wood are covered in this section. There is a Pulse & tongue practicum teaching a pulse system that evaluates both static and dynamic qualities. Diagnosis of the zang-fu and the substances (qi, xue and jin-ye) are made clear and students will begin to integrate pulse finding into herbal treatment strategies. An overview of tongue diagnosis and its integration into herbal medicine

will be presented. Students will have an opportunity to observe multiple tongue conditions in light of their corresponding diagnosis.

Credits: 3

Prerequisite: CHP 623a

CHP623C

FIVE ELEMENT THEORY & INTEGRATION II

This series of classes focuses on the integration of the Five Element theory with classical herbal medicine. Each of the Elements are explored in depth with practical exercises to ground zang-fu dynamic theory in the body. Patterns of Disharmony are correlated with the Elements. Signature herbs and formulas are presented for each Element. Metal, Fire, and Water are covered in this series. In addition, this class contains the students' orientation to the faculty-supervised clinic. Students will become familiar with policies and procedures and the flow of the clinical day.

Credits: 5

Prerequisite: CHP 623b

CHP642B

CLINICAL THEORY IN PRACTICE II

This class is an introduction to the process of conducting an intake and developing an herbal treatment. Student will learn and practice the integration of clinical reasoning and the Four Inspections. Students will begin to cultivate the thought process that leads from intake-to-diagnosis-to-herbal formula.

Credits: 0.25

CHP642C

CLINICAL THEORY IN PRACTICE III

This class is an introduction to the process of conducting an intake and developing an herbal treatment. Student will learn and practice the integration of clinical reasoning and the Four Inspections. Students will begin to cultivate the thought process that leads from intake-to-diagnosis-to-herbal formula.

Credits: 0.5

Prerequisite: CHP 642b

CHP711A**CHINESE HERBAL MEDICINE THEORY II**

Specialties of Chinese Medicine - This series of classes focuses on Chinese Medicine specialties. The fundamental topics presented in year 1 of the program will be revisited through the lenses of these more advanced presentations. Specialties studied include gynecology, fertility, external medicine, dermatology, neurology, ENT, gastroenterology, pediatrics, immunology, oncology, and urology, and Bi-obstruction syndrome.

Credits: 3.5

Prerequisite: 1 of the following: CHP 622c or CHP 623c

CHP711B**CHINESE HERBAL MEDICINE THEORY II**

Specialties of Chinese Medicine - This series of classes focuses on Chinese Medicine specialties. The fundamental topics presented in year 1 of the program will be revisited through the lenses of these more advanced presentations. Specialties studied include gynecology, fertility, external medicine, dermatology, neurology, ENT, gastroenterology, pediatrics, immunology, oncology, and urology.

Credits: 4.5

Prerequisite: CHP 711A

CHP711C**CHINESE HERBAL MEDICINE THEORY II**

Specialties of Chinese Medicine - This series of classes focuses on Chinese Medicine specialties. The fundamental topics presented in year 1 of the program will be revisited through the lenses of these more advanced presentations. Specialties studied include gynecology, fertility, external medicine, dermatology, neurology, ENT, gastroenterology, pediatrics, immunology, oncology, and urology, nutrition, and Chinese diet therapy.

Credits: 4.75

Prerequisite: CHP 711B

CHP721A**CLINICAL INTERNSHIP**

This course provides a supervised clinical experience for the students treating their own patients. Support and guidance are provided to assist the students through the process of intake, diagnosis, treatment planning, formula selection and modification. Students will also learn to fill their own prescriptions in the school's herbal dispensary.

Credits: 2

Prerequisite: 1 of the following: CHP 622c or CHP 623c

CHP721B**CLINICAL INTERNSHIP**

This course provides a supervised clinical experience for the students treating their own patients. Support and guidance are provided to assist the students through the process of intake, diagnosis, treatment planning, formula selection and modification. Students will also learn to fill their own prescriptions in the school's herbal dispensary.

Credits: 2.5

CHP721C**CLINICAL INTERNSHIP**

This course provides a supervised clinical experience for the students treating their own patients. Support and guidance are provided to assist the students through the process of intake, diagnosis, treatment planning, formula selection and modification. Students will also learn to fill their own prescriptions in the school's herbal dispensary.

Credits: 2.5

CHP731A**CLINICAL THOUGHT PROCESS**

Li Fang Fa Yao - This hands-on class teaches the diagnostic and clinical thought process necessary to create a safe and effective herbal formula. This class walks the students through an intellectually rigorous, step-by-

step method for thinking through a clinical case. Ample time is given for students to practice these skills in small groups.

Credits: 0.5

Prerequisite: CHP 623a

CHP731B**CLINICAL THOUGHT PROCESS**

Li Fang Fa Yao - This hands-on class teaches the diagnostic and clinical thought process necessary to create a safe and effective herbal formula. This class walks the students through an intellectually rigorous, step-by-step method for thinking through a clinical case. Ample time is given for students to practice these skills in small groups.

Credits: 0.5

Prerequisite: CHP 731A

CHP770A**PHARMACY PRACTICUM**

This hands-on class teaches students how to work in the Herbal Dispensary. Students learn essential dispensary skills while filling formulas for their classmates, under supervision, during our busy faculty supervised clinic sessions.

Credits: 0.25

Prerequisite: CHP 623c

CHP770B**PHARMACY PRACTICUM**

This hands-on class teaches students how to work in the Herbal Dispensary. Students learn essential dispensary skills while filling formulas for their classmates, under supervision, during our busy faculty supervised clinic sessions.

Credits: 0.25

CHP770C**PHARMACY PRACTICUM**

This hands-on class teaches students how to work in the Herbal Dispensary. Students learn essential dispensary skills while filling formulas for their classmates, under supervision, during our busy faculty supervised clinic sessions.

Credits: 0.5

CHP780A **CORE GROUP I**

Pre-clinic meetings give students a chance to present relevant case histories and receive feedback from experienced supervisors and fellow student herbalists in an open and supportive environment. Student clinicians will have the opportunity to exchange ideas around client care and further develop critical thinking skills.

Credits: 0.5

CHP780B **CORE GROUP II**

Pre-clinic meetings give students a chance to present relevant case histories and receive feedback from experienced supervisors and fellow student herbalists in an open and supportive environment. Student clinicians will have the opportunity to exchange ideas around client care and further develop critical thinking skills.

Credits: 0.25

CHP780C **CORE GROUP III**

Pre-clinic meetings give students a chance to present relevant case histories and receive feedback from experienced supervisors and fellow student herbalists in an open and supportive environment. Student clinicians will have the opportunity to exchange ideas around client care and further develop critical thinking skills.

Credits: 0.25

COA610 **FUNDAMENTALS OF HEALTH AND WELLNESS COACHING**

Students are introduced to the International Coach Federation (ICF) core competencies, the International Consortium for Health & Wellness Coaching (ICHWC) skills, knowledge, and tasks, and other coaching tools as they begin to build a repertoire of coaching abilities. This experiential course, which centers on practicing coaching skills with class peers and

mentors, develops observation skills, active listening, the art of evocative questioning, and the ability to guide clients through the process of goal setting and action planning. Students receive practical skills for structuring a coaching session, planning, goal-setting with clients, ensuring client accountability, and cultivating the attitudes of mind and heart necessary to become effective coaches.

Credits: 3

Prerequisite: APP 606

COA616 **THEORIES AND PRINCIPLES OF BEHAVIOR CHANGE**

This course provides students with a theoretical framework for guiding coaching clients through the process of behavior change. Topics include the latest developments in the field of positive psychology and the stages of behavior change. Students are introduced to and begin to practice Motivational Interviewing, a widely recognized, evidence-based approach to behavioral change used in the health care field. Students receive practical skills for structuring a coaching session, planning, goal-setting with clients, and ensuring client accountability.

Credits: 3

Prerequisite: APP 606

COA620 **APPLIED HEALING STRATEGIES**

Students participate in an experiential practicum that allows them to apply and develop their coaching skills in a one-on-one setting with clients. The focus of the practicum is further development and practice of the tasks, knowledge and skills identified in the International Consortium for Health and Wellness Coaching (ICHWC) Job Task Analysis, the core competencies identified by the International Coach Federation (ICF), along with the theories, principles, tools and techniques learned in COA610 and COA616. Throughout the practicum, students receive mentoring, coaching and

feedback from instructors and peers as they develop the skills of mind and heart necessary to become effective coaches. Students learn about more career options in the field of health and wellness coaching and have opportunities to meet with experienced coaches to discuss how to establish and operate a successful coaching business.

Credits: 3

Prerequisite: COA 610 and COA 616

COA641 **SEMINAR IN HEALTH AND WELLNESS COACHING**

This course is taken toward the end of the Masters of Arts in Health and Wellness Coaching and provides students with the opportunity to demonstrate the integration of their coaching skills with the content of their area(s) of concentration. Students will complete two culminating assignments designed to further professional development including a capstone paper and action plan to advance his or her coaching skills.

Credits: 1

Prerequisite: COA 620 and 3 of the following: APP 700, COA 660, HRB 600, HRB 605, HRB 622, ISCI615, or ISCI 671, NUTR601, NUTR602, NUTR614, NUTR672

COA660 **ADVANCED COACHING WITH INTEGRATIVE WELLNESS APPROACHES**

Being adept in the field of Health and Wellness Coaching comes with constant practice, feedback, and skill development. This course builds upon the core courses in Health and Wellness Coaching such that it provides a deeper understanding of how to apply integrative health practices in one's coaching practice. There will be coaching demonstrations and presentations infused into this course, with specific emphasis on coaching with mindfulness, meditation, movement, and nutrition-based modalities.

Credits: 3

Prerequisite: COA 620

FPD779

POINT FUNCTIONS

This course explores the depth and range of point functions on all levels of body, mind, and spirit, with an emphasis on application to the resolution of pathology and the enhancement of personal development.

Credits: 2

Prerequisite: AOM790c8

FPD781

QI CULTIVATION

Students will delve within to become more aware of their own Jing, Qi, and Shen. They will deepen their understanding and practice of Qi Gong, while incorporating other highly effective strategies into their self-cultivation practices, which will allow the basic and safe clinical use of these practices with patients.

Credits: 1.5

**Prerequisite: 1 of the following:
ACP683A or AOM685**

FPD790AD

SUPERVISED ADVANCED CLINICAL PRACTICE 2.0

This course provides a supervised clinical experience for students treating their own patients in the Natural Care Center or, in special circumstances, for students attending external partnership clinics.

Credits: 2

Prerequisite: AOM790c9

FPD790AE

SUPERVISED ADVANCED CLINICAL PRACTICE 1.0

This course provides a supervised clinical experience for students treating their own patients in the Natural Care Center or, in special circumstances, for students attending external partnership clinics.

Credits: 1

Prerequisite: AOM790c9

FPD790ID

INTEGRATIVE CASE DISCUSSION AND TREATMENT

Students present patients from their clinical practice to an integrative faculty panel. Students have the opportunity to implement suggestions from the panel and classmates in their practice.

Credits: 1

Prerequisite: AOM790c9

FPD790X1

EXTERNAL INTEGRATIVE CLINICAL PARTNERSHIP 1.0

This course provides a supervised integrative experience in partnership with an external clinical site.

Credits: 1

Prerequisite: AOM790c9

FPD790X2

EXTERNAL INTEGRATIVE CLINICAL PARTNERSHIP 2.0

This course provides a supervised integrative experience in partnership with an external clinical site.

Credits: 2

Prerequisite: AOM790c9

FPD7910

ACCELERATED CLINIC 1.0

Doctoral students document clinical experience in their private practice, or as an employee, with an emphasis on evidence-informed treatments. Licensed acupuncturists only.

Credits: 1

Prerequisite: AOM790c9

FPD7920

ACCELERATED CLINIC 2.0

Doctoral students document clinical experience in their private practice, or as an employee, with an emphasis on evidence-informed treatments. Licensed acupuncturists only.

Credits: 2

Prerequisite: AOM790c9

FPD810

CASE REPORTS IN CHINESE MEDICINE

This course examines the value and usefulness of case reporting as a way

to evaluate clinical findings. Students will evaluate published case reports and learn how to synthesize client information into a case report format using CARE guidelines. Students will prepare a publishable case report including a timeline, narrative, and the appropriate sections for publication in a peer-reviewed Chinese medical or integrative journal.

Credits: 3

Prerequisite: AOM790c9

FPD850

INTERDISCIPLINARY DIAGNOSIS AND TREATMENT

This course allows for observation and participation in integrative medicine. Guest practitioners explain their modality and specialty, including education, licensing, diagnostics, and interventions. Patient cases and interviews are the basis of collaborative treatment planning discussions. Students learn fundamental skills necessary for working in collaborative, integrative settings.

Credits: 0.5

Prerequisite: AOM790c7

HRB600

FUNDAMENTALS OF HERBAL MEDICINE

This course provides a foundation for the continued study of plant medicine. Combining scholarship with a hands-on component, we explore a variety of elements shaping the modern practice of herbal medicine in the United States today. This course reviews traditional rationale for herbal use as well as the foundational modern sciences that support a contemporary evidence-informed perspective. Coursework acquaints students with topics such as the herbal lexicon, materia medica, plant ecology, historical & cultural perspectives, political influences, phytochemistry, modern research, safety, posology (the study of dosage) and herbal preparations.

Credits: 3

HRB605**MATERIA MEDICA I**

This course investigates approximately 30 of the most commonly used herbal medicines and related supplements in the United States. Each herb will be discussed from the ethnobotanical perspective as well as the modern phyto-therapeutic perspective, with a focus on pharmacological understanding and relevant clinical trials. Special emphasis will be placed on topics relevant to the contemporary clinician, including quality control, interactions, and other safety parameters of each herb covered. This course provides the student with the necessary skills to effectively research herbs not covered in the class.

Credits: 3

HRB620A**HERBAL THERAPEUTICS I**

Examining the principles and practice of modern herbal medicine, this course provides a foundational framework for understanding how herbs can be used to support health and wellness. Central to the course is a comprehensive review of both modern pharmacological actions and traditional herbal actions that are applicable to the support of healthy biological structure and function. The concepts of natural rhythms of the living world and an integrated model of physiology are used to provide context for the therapeutic application of herbs. Traditional and modern approaches to formulation are discussed and students gain practical experience in formulating with herbs covered in materia medica courses.

Credits: 3

Prerequisite: HRB 605

HRB620B**HERBAL THERAPEUTICS II**

In this course students will apply skills, principles, and knowledge to generate a body of scholarly material to demonstrate their

proficiencies in herbal medicine as a professional. Students will engage in multiple, advanced medicine making experiences and discover effective methods of documentation, principles of manufacturing and problem solving techniques applicable both in industry and clinical practice. Additionally, students will explore a variety of viable career paths. By reflecting on these potential career paths, they will be encouraged to apply their own personal concepts and ideas to building career opportunities.

Credits: 3

Prerequisite: HRB 620a

HRB622**HERBAL PHARMACY**

This is primarily a hands-on course providing techniques for harvesting and drying herbs and incorporating them into herbal products and medicinal foods. It provides the basic theory and skills required to manufacture high-quality medicinal herb products for oral and topical application. Students learn the foundational principles of extraction, the properties of common solvents (e.g. water, alcohol and oils) and the solubility of various herbal constituents. Students apply their learning by creating herbal foods and extracts for display at a community herbal products show. In addition to making their own “kitchen pharmacy” preparations, students learn how to evaluate the quality of the wide range of herbal products manufactured by the natural products industry.

Credits: 3

HRB633**MEDICINAL PLANTS AND CULTURES: A BIOREGIONAL EXPLORATION**

This course will expose students to plant healing systems and cultures locally and globally through an independent study project. Through the exploration of a few select cultures and systems of herbal

medicine, students will develop the skills and techniques to compare and contrast aspects of health and disease philosophy from other cultures to one's own.

Credits: 2

HRB634**MEDICINAL PLANTS & CULTURES: EXPLORING YOUR BIOREGION**

This course will expose students to plant healing systems and cultures locally and globally through an independent study project. Through the exploration of a few select cultures and systems of herbal medicine, students will develop the skills and techniques to compare and contrast aspects of health and disease philosophy from other cultures to one's own.

Credits: 3

HRB636A**NATURE FIELD INTENSIVE**

The purpose of this course is to extend the rudimentary skills in the identification of wild and cultivated medicinal plants; gain an understanding and appreciation of the importance of wilderness areas; and to appropriately gather and process plants in the field.

Credits: 1.5

Prerequisite: HRB 600

HRB636C**VIRTUAL FIELD BOTANY**

This course will inform students of the relationship between herbal medicine and the natural environment with its inherent biological diversity. Students will perform field work in their region under guidance by their instructor, including at least one excursion into a national/state park or nature reserve, in order to observe a selection of medicinal plants in their natural habitat. Students will communicate with plant authorities or guides in their own region, and communicate their findings to other students via the online forum. Given that this

course is designed in an experiential rather than in a didactic or lecture style format, students are required to commit 45 hours, part of which is to be spent as a volunteer in a community facility or project over the eight weeks allotted to the course.

Credits: 1.5

Prerequisite: HRB 600

HRB641

SAFETY OF BOTANICAL MEDICINE

Students will apply skills, principles, and knowledge to critically examine the safety of herbal products, including basic toxicology, pharmacokinetics and pharmacology necessary to analyze the potential acute, chronic, or idiosyncratic toxicities, as well herb/herb and drug/herb interactions. In addition there are numerous activities where students will interact with the materials. Each week, students will determine the myth or reality of a safety scenario through peer discussion. Students will examine a case study through peer-assessment activity where they will determine their plan of action through the application of materials and concepts both provided and discovered. Students will also be using materials and concepts to create, then assess, multiple choice questions in their area of focus.

Credits: 3

HRB642

DISPENSARY PRACTICES AND QUALITY ASSESSMENT OF HERBAL MEDICINE

This course develops the ability of the student to identify and evaluate the authenticity and quality of raw herbal material using organoleptic analysis, microscopic and macroscopic identification, and interpretation of assay and spec sheets. Additionally, chromatographic analysis dispensary practices are introduced. Opportunities to extend dispensary training are available within the Internship course. This

course combines analytical rigor of quality control with the whole-system aspects of quality assurance in an industry context.

Credits: 3

Prerequisite: HRB 605

HRB645

FOUNDATIONS OF TOXICOLOGY AND HERB-DRUG INTERACTIONS

In this course you will learn about modern toxicological principles as they apply to the chemical constituents in herbal medicines. Foundational knowledge on how bioactive constituents are absorbed and eliminated by the body will also be covered. Certain pharmacological concepts, such as synergy and hormesis, and pharmacogenomics, will be explored to help inform your own practice using traditional Chinese and western herbs. Special emphasis is placed on potential harmful interactions between food/herb/toxins and drugs.

Credits: 3

Prerequisite: ISCI547a

HRB650

PROFESSIONAL CAREER TRAJECTORY

The purpose is to provide an opportunity for students to explore, refine and articulate their area of expertise, whether in product design, research, education or apothecary GMP. This experience should encourage a spirit of inquiry, initiative, independence, sound judgment, and problem solving approaches, while providing a stepping stone toward mastery in their chosen field.

Credits: 0.5

Prerequisite: HRB 600 and ISCI631

HRB654B

HERBAL PHARMACOLOGY & PHYTOCHEMISTRY II

In this course you will learn a unique version of pharmacology - one that emphasizes traditional classifications based on energetics, as well as

modern pharmacological principles and the active chemical constituents in herbal medicines. Understanding plant chemistry provides some underpinning of the student's therapeutic knowledge by linking the beneficial clinical applications of herbs to classes of chemical compounds responsible for the effects. It also provides a rationale for choice of methods in the preparation of herbal medicines. In addition to the standard principles, we will cover less conventional aspects of pharmacology including the concepts of synergy and hormesis, along with new frontier sciences such as pharmacogenomics.

Credits: 3

Prerequisite: HRB 605 and HRB 622

HRB690C

INTERNSHIP

Students complete three 0.5 credit supervised internships. The internships can take place in a variety of ways. You may link each trimester's internship with a singular focus in developing a specific expertise or use it to explore multiple areas in the field of herbal medicine. For students with access to campus you have options in the MUIH dispensary, gardens, local companies or practitioners, or working on faculty research projects. Any external organization a student wishes to intern with must be pre-approved by the academic director. For students interested in a long term project, this course can be used to introduce them to the practical and research application of herbal medicine; herbal product manufacturing elements, including growing/wildcrafting, QC and QA; or herbal education projects. Prerequisite: HRB 650 Professional Career Trajectory

Credits: 1.5

Prerequisite: HRB 650

HRB705**MATERIA MEDICA II**

The purpose of this course is to help students further develop their relationship with individual herbal remedies. In the course we will evaluate the differences between herbs used in similar therapeutic scenarios and in the herbal industry. In addition, learning will center around the development of a narrative to tell a story of the medicinal use of the plant, with an emphasis on botanical classification, parts used, modern and traditional uses, pharmacological properties, dosage and safety issues for a core group of herbal remedies.

Credits: 3

Prerequisite: HRB 605

HRB713B**CLINICAL ROUND TABLE**

In this course students present and defend case studies from their own clinical practice while participating in the inquiry and analysis of fellow students' case studies. Case discussion focuses on analysis of clinical rationale and application of critical thinking.

Credits: 1.5

Prerequisite: HRB 753b and 1 of the following: HRB 722 or HRB 723a

HRB715**ORIENTATION RETREAT**

In this face-to-face retreat students begin their work together as clinicians. Through exercises which allow us to explore the role we embody as clinical herbalists, to material which orient us to the clinic and the program, we will get to know one another and create the connection which we will build upon in the year ahead. The Orientation Retreat is held at a location in the Washington, DC, metropolitan area and is conducted at a venue which provides lodging and classroom space.

Credits: 1

Prerequisite: HRB 620a and HRB 735a

HRB722B**FACULTY SUPERVISED CLINIC II**

This course offers a supportive environment to facilitate your development of clinical skills necessary to practice safely, effectively and competently in your own independent practice. In this course, you will use a telehealth platform to practice the skills and competencies related to herbal practice.

Credits: 1

Prerequisite: 1 of the following: HRB722 or HRB 723a

HRB722C**FACULTY SUPERVISED CLINIC III**

This course offers you opportunities to broaden your clinical skills in response to the variety of ways a clinician might engage clientele. You will train in a supportive environment, learning to use a variety of academic and experiential activities, including group clientele sessions, case-study writing, and peer-to-peer sessions. The aim is for you to gain broad experience necessary to develop the full array of skills used in clinical practice.

Credits: 1

Prerequisite: 1 of the following: HRB722 or HRB 723a

HRB723A**FACULTY SUPERVISED CLINIC I**

You will begin your clinical journey with this experiential course, using observation, peer interaction, and a variety of foundational experiences as building blocks for the ensuing clinical training in HRB722b and HRB722c. You will complete 30 of your required 90 total clinical hours with an emphasis on practitioner observation and peer interaction. This course is self-paced and provides you a variety of options to accrue clinical hours. You will develop the

necessary array of skills required in clinical practice.

Credits: 1

Prerequisite: HRB 620b and HRB 715 and HRB 735b

HRB723C**APPLIED THERAPEUTICS: CLINICAL ASSESSMENT, GOALS AND PLANS**

In this course, students will bring their own self-generated case studies to examine as a classroom exercise where the assessment, goals, and plans will be discussed with a faculty member facilitator. This course uses a series of student created case studies and involves both instructor feedback and extensive peer to peer feedback. Learners conduct interviews within their communities and the resulting information is utilized in activities where they determine the assessment, clinical goals, and formulas and recommendations. Individualized client care is not present in this course.

Credits: 0.5

Prerequisite: HRB 620b and IHM664

HRB735A**CLINICAL THEORY IN PRACTICE I**

This course educates students in the theory and practice of gathering and interpreting health-related information; developing clinical goals; and partnering with clients to implement achievable plans. Students learn to conduct a comprehensive health and wellness interview utilizing a bio-psycho-social model of assessment and develop a clinical strategy utilizing tools and techniques appropriate to the modern herbal practitioner. Emphasis is placed on developing strategies for optimizing health and wellness while also supporting clients through disease and illness.

Credits: 2

Prerequisite: ISC1547a

HRB735B**CLINICAL THEORY IN PRACTICE II**

In this course students will continue to identify the various tools and techniques available to the modern herbalist in relation to specific health interventions. Through exercises in formulation and continued exploration of literature in the field, students will hone their skills in developing strategies for specific clients, including the selecting herbs and the integration of dietary, herbal and behavioral recommendations. Students will continue to develop critical thinking skills in relationship to health assessment and strategies and be able to expand on their strategies to recognize and enhance the importance of rapport and relationship.

Credits: 2**Prerequisite: HRB 605 and HRB 735a****HRB740****INNOVATIVE MODELS OF HERBAL PRACTICE**

This course prepares students to adopt innovative, clinical herbalism models that can be used to diversify and to create a successful herbal practice in the digital age. Building on more general coursework in Practice Management this course uncovers specific tools and techniques that help herbalists thrive, including training, designing, and adopting group facilitation programs. Additionally, successful clinical herbalist models will be examined through visits and interviews with herbalists local to the students' bioregions.

Credits: 1**Prerequisite: IHM664****HRB753B****APPLIED THERAPEUTICS: CASE STUDY**

This course utilizes case studies to guide students in building the practical skills and applied knowledge necessary for clinical

practice. Emphasis is placed on developing a clearly articulated client assessment and clinical strategy with a well-supported rationale. This course helps students utilize both modern physiological and traditional energetic models in the interpretation of patterns of imbalance.

Credits: 2**Prerequisite: HRB 620a and HRB 735b****HRB780****PROFESSIONAL PROJECT**

In this course, students will plan professional services within MUIH and their bio-region, seeking to address community needs through application of prior coursework and experience.

Credits: 0.5**Prerequisite: HRB 722****HRB790****E-PORTFOLIO: INTRODUCTION**

This ePortfolio course provides students a 1) retrospective opportunity, to review and reflect on the development of expertise with their respective AOC of the Therapeutic Herbalism Masters; 2) prospective focus in developing their public ePortfolio profile to share with external constituents.

Credits: 0.5**Prerequisite: HRB 600****HRB791****E-PORTFOLIO: FINAL DEVELOPMENT**

As you near the completion of your masters' program, this course helps you to demonstrate your gained knowledge and competency in Herbal Medicine. These competencies include a) Professional knowledge and skills, b) Reasoning and judgement, c) Evidence-Based practice and research, d) Lifelong learning, e) Communication and Interprofessional teamwork, f) Professionalism and ethics, and g) Safety and Quality. Each course in your program has a defined competency in on or more of these. You will be using your

ePortfolio to demonstrate these competencies to your peers and herbal faculty as a component of your graduation. This course provides you with opportunities to have faculty and peer review to ensure that your ePortfolio reflects your gained knowledge and skills.

Credits: 0.5**Prerequisite: HRB 790 and HRB 620b and HRB 690****HRB794****CASE STUDIES IN HERB PRODUCT DESIGN**

The capstone course challenges student problem solving skills in collaboration with a small group of peers. Students will work on real world herbal product design problems that originate from industry archives or representing real, current problems faced by a company in the field of herbal manufacturing. It will provide students an opportunity to interact and network with industry experts in strategizing their best solutions. Students are required to present the results of the study to the MUIH herbal community.

Credits: 3**Prerequisite: HRB 620b and HRB 654b and HRB 690 and HRB 790****IHED610****FUNDAMENTALS OF HEALTH EDUCATION AND HEALTH BEHAVIOR**

This course introduces students to the fundamental elements of health education and health behavior with a focus on integrative health and healing presence. Encouraging the adoption and maintenance of healthy lifestyles is a key aim of integrative health education. By using behavior-change theories and models as 'building blocks', this course demonstrates how to develop relevant goals and objectives based on those theories and examines approaches to behavior change used in integrative systems of healthcare. In addition, it provides an overview

of health education curriculum building, program planning and content development and explores the many roles played by health education specialists with an eye to the future of this field.

Credits: 3

IHED615

HEALTH PROMOTION ADMINISTRATION, MANAGEMENT AND RESOURCE DEVELOPMENT

Sound administration and leadership skills, resource development, and organizational management are important for success in the field of health promotion. This course will explore considerations in managing health and wellness programs in the community (in a variety of agencies), and in the workplace. In addition to assessing leadership styles for managing and working with others, topics will include key leadership and management theories, planning and organizing at the different levels of an organization, obtaining and retaining employees, improving performance, budgeting, frameworks for writing a grant proposal, managing change, and leading into the future.

Credits: 3

IHED 621

COMMUNICATION STRATEGIES IN HEALTH EDUCATION

This course examines theories, models, and best practices in health communication, including the use of technology, media, and imagery in health communication campaigns. Students will create and tailor messages, select appropriate communication channels, and pilot test messages. This overview introduces students to the many ways that health education specialists may reach and communicate with communities, going beyond teaching groups and mass media campaigns to new forms of communication such as social media, 'edutainment' and 'gameification' of health education messages.

Credits: 3

IHED623

HEALTH EDUCATION PROGRAM EVALUATION

Students become familiar with evaluation strategies and theories for health education programs and policies. The course reviews logic models, and impact, outcome, and process evaluations. Using a series of exercises, students design a conceptual framework for a health education program and develop an evaluation plan to measure participant choices in that program. In addition, students gain skills needed to understand and critique published evaluation literature.

Credits: 2

Prerequisite: 1 of the following: IHED 620, or IHED610

IHED625

RESEARCH METHODS IN HEALTH EDUCATION: QUANTITATIVE AND QUALITATIVE

This course provides a brief introduction to various forms of research methods, both quantitative and qualitative. An overview is presented of quantitative and qualitative research methods and designs applicable to research of health educational programming and interventions. Scientific problem-solving will be emphasized to include observational techniques and measurement tools, coding, analytic strategies, and reporting of research. The course will encourage students to focus on research that has been used in the health promotion field. This course will help in preparing students for their health education program evaluation course and will facilitate understanding of research in later work as a practitioner in the field.

Credits: 3

IHED626

HEALTH EDUCATION NEEDS ASSESSMENT AND PROGRAM PLANNING

In this course, students learn

approaches to epidemiological and health education needs assessments, utilize theory-based strategies on assessment, evaluate applicable policy, identify barriers and assets, and apply skills in planning a health education program. This course also provides students with an opportunity to use qualitative and quantitative data to support health education program design. This course provides students with tools to work with specific health topics and populations, including frameworks for targeting various cultures and age groups.

Credits: 3

Prerequisite: 1 of the following: IHED 620, or IHED610

IHED631

TOPICS IN DIVERSITY FOR HEALTH AND HEALING

This course examines the intersection of health and culture, by looking at the impact of diversity and socio-cultural factors on health and healing. It includes a focus on the causation of morbidity and mortality in the US via the social determinants of health, health equity and cultural adaptation and acculturation. Students in this course will learn about the impact of social and cultural changes on the health care system through both an integrative and biomedical lens.

Credits: 3

IHED633

A CULTURE OF WELLNESS: INTRODUCTION TO WORKPLACE WELLNESS

This course introduces students to the knowledge and skills they need to create a culture of wellness in the workplace. With a focus on integrative and complementary health practices, students will learn about topics important to successful workplace health promotion activities, such as partnering with management, communication strategies, needs assessment, program planning, implementation, and program evaluation. Students

will be become familiar with the principles and practices of health behavior change, the nuances of demonstrating the value of workplace wellness programs, the role of technology, and the importance of healing presence in creating a culture of wellness.

Credits: 1.5

IHED635 WORKPLACE WELLNESS: FUNDAMENTALS OF PRACTICE

This course educates students about the fundamental practices in workplace wellness. Examples from successful workplace wellness programs are highlighted as students develop strategies for a results-oriented wellness program as their final project. Coursework focuses on business practices in the field including the impact of wellness on productivity enhancement, the calculation of value on investment for healthy employees, budget administration, the integration of technological resources for population health, techniques for convening wellness committees within the workplace and creating incentives for wellness program participation.

Credits: 2

Prerequisite: IHED633

IHED637 PRINCIPLES AND PRACTICES OF HEALTH BEHAVIOR AND SELF-CARE

This course introduces the principles and practices of health behavior change and self-care by identifying and exploring personal, social, and environmental factors that influence behavior. Students will research evidence-based approaches and engage in self-care practices to deepen their understanding of health behavior change and its impact on the individual and the community.

Credits: 1.5

IHED638 WORKPLACE WELLNESS PROGRAM IMPLEMENTATION

Workplace wellness program implementation educates students about best practices in workplace wellness and highlights the creation of a culture of wellness in the workplace with a focus on integrative health. Using the resources from the previous courses; health communication, management and resource development practices, needs assessment, program planning and evaluation content, this course requires students to plan the implementation of an integrative health education program, specifically for the workplace. The course will explore barriers and facilitators to implementation, as well as strategies based on evidence and best practice for successful implementation of workplace wellness health education programs.

Credits: 3

Prerequisite: IHED 621 and IHED 623 and IHED 631 and IHED615 and IHED625 and IHED626 and ISCI630A

IHED639 COMMUNITY HEALTH EDUCATION PROGRAM IMPLEMENTATION

Community health education program implementation is focused on prevention or management of health issues for the community at large and can occur in a variety of settings, from public health department programs to senior centers, schools, community centers and outreach programs. Using the resources from previous courses; health communication, management and resource development practices, needs assessment, program planning and evaluation content, this course requires students to plan the implementation of a health education program, specifically in the community setting, with a focus on integrative health. The course will explore barriers and facilitators to

implementation, as well as integrative health strategies based on evidence and best practice for successful community health education programs.

Credits: 3

Prerequisite: IHED 621 and IHED 623 and IHED 631 and IHED615 and IHED625 and IHED626 and ISCI630A

IHED641 HEALTH PROMOTION CAPSTONE

This course focuses on the professional development of students, culminating with a final project presentation and the completion of a professional portfolio, describing the student's experience relevant to the many roles played by health promotion professionals as well as their personal transformation throughout the program. A short practicum is also required with students spending time working with agencies, companies, or programs in their communities assisting with program planning, policy development, implementation and/or evaluation. The goal of this course is for students to demonstrate their mastery of the competencies addressed in the program.

Credits: 2

Prerequisite: 1 of the following: IHED638 or IHED639

IHED777 HEALTH CARE SYSTEMS: FROM MACRO TO MICRO

This course provides an introduction to the structures, functions and processes of contemporary health care systems, as well as explores the current delivery of clinical care for a patient. This course will serve as a lens for analysis of the social, political, and economic contexts that influence both the macro and micro levels of a health care system.

Credits: 3

Prerequisite: IHED625 and 1 of the following: ISCI701 or RSCH601

IHM611**PRACTICE MANAGEMENT: ETHICS FOR THE WELLNESS PROFESSIONAL**

This course addresses professional ethics in acupuncture and oriental medicine in addition to addressing best professional practices. This course introduces students to the relevant ethical and regulatory issues germane to professional clinical practice, including concepts of professionalism, scope of practice, boundaries, and confidentiality.

Credits: 1.5

IHM620**MARKETING FOR HEALTH & WELLNESS PROFESSIONALS**

This course equips students with the marketing skills and resources necessary to act as wellness professionals. Students will learn how to design a strategic marketing plan, develop their unique brand, and leverage current technological platforms for messaging/communicating their practice. Students will acquire real-world, practical skills and techniques to plan, launch, market, and network their practices in a manner that aligns with their innate passion for health and serving others.

Credits: 1

IHM650**PRACTICE MANAGEMENT IN COACHING**

This course is designed to prepare students to be successful wellness professionals upon graduation. Special emphasis will be given to practice management, including developing an entrepreneurial mindset, business planning, how to effectively market using social media, communicating with stakeholders, and the ethical, legal, and regulatory issues related to operating as a professional.

Credits: 2

Prerequisite: COA 620

IHM660**PRACTICE MANAGEMENT: THE PRACTICE AND BUSINESS OF ORIENTAL MEDICINE I**

In this intensive kickoff to a series of classes on the practice and business of Chinese medicine, students will begin to learn the skills and resources necessary to act as wellness professionals. The focus of this course will be on finding the vision for your practice and learning how to translate your passion into words in order to begin to attract clients to your practice.

Credits: 1

Prerequisite: AOM634a; and IHM611

IHM661**PRACTICE MANAGEMENT. THE PRACTICE AND BUSINESS OF ORIENTAL MEDICINE II**

In part one of this two trimester series of classes, students will deepen their study of the skills and resources necessary to act as wellness professionals. Students will learn how to design a strategic marketing plan, develop their unique brand, and leverage current technological platforms for messaging/communicating their practice or profession. Students will acquire real-world, practical skills and techniques to plan, launch, market, and network their practices in a manner that aligns with their innate passion for health and serving others.

Credits: 1.5

Prerequisite: IHM660

IHM662**PROFESSIONAL PRACTICES FOR YOGA THERAPY PRACTITIONERS I**

This course addresses professional ethics for the practice of Yoga Therapy in addition to addressing best professional practices. Legal, regulatory and business issues will be addressed, as well as relationships to peers, mentors, organizations and the general yoga community. Personal and professional development will

also be discussed.

Credits: 1

IHM663**PROFESSIONAL PRACTICES FOR YOGA THERAPY PRACTITIONERS II**

This course is a continuation of IHM662 Professional Practices I and is designed to prepare students to create a successful practice upon graduation. Special emphasis will be given to practice management, including developing an entrepreneurial mindset, business planning, how to effectively market using social media, communicating with stakeholders and the legal and regulatory issues related to operating as a professional.

Credits: 1

IHM664**PRACTICE MANAGEMENT FOR HERBAL PROFESSIONALS**

Students will develop a practical approach to managing a small business or clinical practice. Focus is placed on promotional skills, financial strategies, and the application of ethical considerations in business matters.

Credits: 1.5

Prerequisite: ISCI547a; and 1 of the following: ISCI701 or RSCH601

IHM665**PRACTICE MANAGEMENT FOR NUTRITION PROFESSIONALS**

Students will develop a practical approach to managing a small business or clinical practice. Focus is placed on promotional skills, financial strategies, and the application of ethical considerations in business matters.

Credits: 1

IHM762**PRACTICE MANAGEMENT. THE PRACTICE AND BUSINESS OF ORIENTAL MEDICINE III**

In part two of this two trimester series of classes, students will continue their study of the skills

and resources necessary to act as wellness professionals. Students will learn how to design a strategic marketing plan, develop their unique brand, and leverage current technological platforms for messaging/communicating their practice or profession. Students will acquire real-world, practical skills and techniques to plan, launch, market, and network their practices in a manner that aligns with their innate passion for health and serving others.

Credits: 1.5

Prerequisite: IHM661

IHM763 **PRACTICE MANAGEMENT: THE PRACTICE AND BUSINESS OF ORIENTAL MEDICINE IV**

This final course in the practice management series will introduce students to the fundamental skills necessary to become wellness practitioners, with an emphasis on the tools of business planning. Students will learn the essential components of a business plan, create their own business plans, learn the fundamentals of practice systems, risk management, insurance, and the ethical and regulatory issues critical to starting a practice or operating as professional practitioners.

Credits: 2

Prerequisite: IHM762

IHM768 **ADVANCED PRACTICE MANAGEMENT**

Students learn the ethical, legal, and business skills necessary to collaborate with other practitioners and to work in an integrative setting. Topics include professional development, scope of practice, case management, risk management, and practice systems including record keeping, billing methods, and use of technology.

Credits: 2

**Prerequisite: 1 of the following:
IHM761 or IHM763**

INHS610 **COMPLEMENTARY AND INTEGRATIVE HEALTH INTERVENTIONS FOR COMMON CONDITIONS**

This course provides an evidence-informed overview of the use of complementary and integrative health practices in addressing contemporary health trends and concerns. Conditions that are chronic, preventable, and carry large personal and societal burdens are emphasized.

Credits: 3

Prerequisite: ISCI630a

INHS620 **INTEGRATIVE CARE MODELS**

This course explores models for the successful combination of integrative health practices and conventional health care practices and settings. Topics will include collaborative partnership models; process, communication, and decision-making strategies; and business and insurance considerations.

Credits: 3

INHS710 **SEMINAR IN INTEGRATIVE HEALTH STUDIES**

This capstone course focuses on the application of integrative health principles, practices, and research to real world scenarios in the health care field. Students will work individually and in groups to apply integrative health approaches to develop solutions and initiatives designed to address practical problems in health care.

Credits: 3

Prerequisite: INHS610 and INHS620

ISCI522 **FOUNDATIONS IN ORGANIC CHEMISTRY**

This course reviews topics in organic chemistry that are relevant to nutrition and health. It is designed to prepare students for future courses in nutritional biochemistry and intermediary metabolism. Topics in

the course include atomic structure, chemical bonding, organic functional groups, oxidation/reduction, acid/base chemistry and an introduction to the macronutrients, micronutrients, and nucleic acids.

Credits: 3

ISCI547A **PHYSIOLOGY I: HEALTHY FUNCTION**

This course provides a basic understanding of the functioning of the major organ systems of the human body, their control and regulation, and how these systems communicate with one another. The course focuses on foundational physiological processes and functions that are relevant for the practice of integrative care. Students also learn introductory skills related to finding and interpreting physiology-based research.

Credits: 3

ISCI548 **WESTERN PHYSIOLOGY FOR CHINESE MEDICAL PRACTITIONERS**

This course covers normal function of the body from the conventional biomedical perspective. Principles, processes, and systems most relevant to the practice of acupuncture and Chinese herbal medicine are emphasized.

Credits: 3

ISCI613 **MENTAL HEALTH & MIND BODY SCIENCE**

This course reviews Western scientific perspectives on the mind and the brain. Topics include neuroanatomy, neurophysiology and neuro-cognitive changes across the lifecycle. Pathological conditions of the central nervous system and psyche are discussed along with a detailed review of the neuroendocrine orchestration of the stress response. The interactions of the mind and body are explored in detail including discussion of

practices that support health and wellness across the mind body continuum. Drugs that alter the mind and mood are reviewed.

Credits: 3

Prerequisite: ISCI 644

ISCI615 **MIND BODY SCIENCE**

The purpose of this course is to introduce students to the mechanisms of mind-body interconnections. The course focuses on the structure and function of the nervous, endocrine and immune systems, and how they connect to each other. Emphasis is placed on applying tools and techniques that capitalize on these pathways to positively affect health and well-being.

Credits: 3

Prerequisite: 1 of the following:
ISCI547a or ISCI548

ISCI626 **NUTRITIONAL BIOCHEMISTRY**

This course provides advanced study of nutrition and biochemistry as they relate to macro- and micronutrients in human intracellular metabolism. The course explores intermediary metabolism with a special emphasis on the interrelationship of nutrients, metabolic pathways, health, and disease. Students are introduced to interpretation of biochemical laboratory markers.

Credits: 3

Prerequisite: ISCI522

ISCI630A **SURVEY OF COMPLEMENTARY HEALTH APPROACHES**

This course explores complementary health approaches (e.g., herbal medicine, massage, acupuncture, yoga) in terms of basic theory, tools, techniques, evidence of effectiveness and potential harm. Focusing on current research, students learn to develop balanced evidence-based complementary health summaries as an educational resource.

Credits: 3

ISCI631 **INTRODUCTION TO COMPLEMENTARY AND INTEGRATIVE HEALTH**

This course provides a foundational understanding of complementary and integrative health (CIH). Terminology is defined and core concepts in CIH are explained. The course introduces commonly used CIH approaches and discusses them within the larger framework of determinants of health. Current U.S. healthcare reform efforts are outlined with an emphasis on emerging integrative care models.

Credits: 1.5

ISCI636 **INTEGRATIVE SCIENCE OF ACUPUNCTURE**

This course introduces an integrative bioscience perspective of acupuncture and expands the framework for communication with patients and medical practitioners. Students will develop a basic mechanistic understanding of acupuncture's effects on physiological and pathophysiological processes. In addition, students will build skills in finding, appraising and interpreting clinical acupuncture research.

Credits: 3

Prerequisite: AOM6EXI and 1 of the following: **ISCI701 or RSCH601**

ISCI640 **CLINICAL ANATOMY: REGIONAL AND SURFACE ANATOMY**

This course addresses surface anatomy and regional anatomy to specifically introduce the student to surface landmarks and to prepare students for the study of acupuncture points. The anatomical layers of the body parts and anatomical considerations for safe needling are also addressed.

Credits: 3

ISCI 643 **ANATOMY AND KINESIOLOGY**

This course addresses musculoskeletal anatomy and

physiology, investigating kinesiology and biomechanics. Students will look at normal and dysfunctional movement, common imbalances in the body, how to analyze and assess these common imbalances that contribute to structural misalignment and potential injury and pain. Students will become practiced in postural analysis, structural assessment, and gait analysis. Students will become familiar with alignment and muscle function, as well as how to design and apply practices, such as yoga asana, to promote healthy structure and function.

Credits: 2.5

ISCI 644 **PHYSIOLOGY AND PATHOLOGY: THE INTERNAL ORGANS**

This course provides a basic understanding of the physiology and pathophysiology of the major organ systems of the human body, their control and regulation, and how these systems communicate with one another. Students will also explore key pathophysiological processes that contribute to illness and disease. The musculoskeletal system is covered extensively in other courses in the curriculum and will not be covered here. The course focuses on foundational processes and functions that are relevant for the practice of integrative yoga therapy. Students also learn introductory skills related to finding and discussing physiology-based research.

Credits: 3

ISCI647B **PHYSIOLOGY II: MOVEMENT AWAY FROM HEALTH**

This course explores key physiological processes involved in movement away from organ system and whole body health. Students will explore common pathological processes and select diseases relevant to the major organ systems. The role of behavioral

and environmental inputs such as xenobiotics, microorganisms, movement, sleep patterns, and allostatic load will also be covered.

Credits: 3

Prerequisite: ISCI547a

ISCI648

WESTERN PATHOPHYSIOLOGY FOR CHINESE MEDICAL PRACTITIONERS

This course covers abnormal function of body systems from the conventional biomedical perspective. Principles, processes, and medical conditions most relevant to the practice of acupuncture and Chinese herbal medicine are emphasized.

Credits: 3

Prerequisite: ISCI548

ISCI651

STRUCTURAL PATHOLOGY IN INTEGRATIVE HEALTH

This course reviews Western scientific perspectives on musculoskeletal pathology. Major topics include the pathophysiologic basis of pain, inflammation, and structural remodeling. The course will also review the changes in body structure that occur as we progress through life. 'Red flag' conditions (ie conditions requiring referral to Western medicine) and physical challenges that may be contraindications will be explored in detail. The course will review current research evidence and tools used in biomedicine to address these issues, including surgery and drugs, and discuss how these are used to alleviate suffering.

Credits: 3

Prerequisite: ISCI 644

ISCI667

SCIENCE OF ADDICTION

This course provides a foundational understanding of addiction from an integrated science perspective. The biological effects of drugs, neurobiological changes in addiction, and challenges in achieving and maintaining drug abstinence

are discussed. The evidence for conventional and CAM approaches to treatment are reviewed and students learn clinical strategies for working with addiction.

Credits: 3

Prerequisite: 1 of the following: ISCI547a or ISCI548

ISCI671

PHYSICAL ACTIVITY AND HEALTH

This course addresses the relationship between physical activity and health in domains of the mind, body, and spirit. Pathways through which physical activity enhances health are discussed along with the current evidence-base for positive health outcomes and harms. The course incorporates practice-based components that encourage students to explore physical activity in their own lives while developing tools to facilitate behavior change in others.

Credits: 3

ISCI672

INTRODUCTION TO GENETICS, GENOMICS, AND THE OMICS

An overview of genetics and genomics including topics such as gene transcription, translation, post-translation modifications, and the omics: proteomics, metabolomics, lipomics, and glycomics.

Credits: 3

ISCI752

ADVANCED DIAGNOSTIC STUDIES

This course discusses the purpose, methods, risks, and benefits of common diagnostic procedures in conventional medicine. Students develop a basic knowledge of written diagnostic reports as relevant to patient care in acupuncture and Oriental medicine. Emphasis is placed on applying an understanding of diagnostic studies in communication with patients and healthcare providers.

Credits: 3

Prerequisite: ISCI758b

ISCI754

BIOMEDICINE: SAFE PRACTICES

This course teaches students the signs and symptoms of medical and mental health emergencies or situations, within the scope of practice of an acupuncture practitioner. The emphasis is on recognizing situations that necessitate referral of a patient to a Western Medicine practitioner, emergency department or urgent care facility. Training in blood borne pathogens, clean needle technique and relevant safety practices are included. This course also addresses safety issues with special populations and provides a beginning framework for understanding pharmacological and nutritional supplement safety issues.

Credits: 2

Prerequisite: 1 of the following: ISCI547a or ISCI548

ISCI758A

BIOMEDICINE: INTEGRATION WITH ACUPUNCTURE AND ORIENTAL MEDICINE I

This course reviews and builds on the etiology and pathophysiology covered in previous coursework to discuss diagnosis and treatment from biomedical and Chinese medical perspectives. The biomedical differential diagnosis of a patient presenting with a certain set of signs and symptoms is compared with the diagnosis derived from theories within Chinese medicine. Biomedical and Chinese medical treatment strategies are also compared and contrasted.

Credits: 2

Prerequisite: AOM665 and 1 of the following: ISCI647b or ISCI648

ISCI758B

BIOMEDICINE: INTEGRATION WITH ACUPUNCTURE AND ORIENTAL MEDICINE II

This course deepens students understanding of the integration of acupuncture and Oriental medicine with allopathic medicine as introduced

in prior course work. Students will be introduced to common diseases and treatment strategies, learn how to assess and treat common diseases from a Chinese medical perspective and learn when and how to collaborate and refer to allied wellness practitioners as well as allopathic providers. The focus of this semester will be the clinical application of treatment strategies. This course lays the foundation for later specialty electives. Students may use the Natural Care Center student clinic as a lab to apply the material taught in this course.

Credits: 3

Prerequisite: ISCI758a

MUIH500 **UNIVERSITY WIDE** **ORIENTATION FOR NEW** **STUDENTS**

University-Wide New Student Orientation is a comprehensive course to introduce incoming MUIH students to campus services, resources, and student life. Utilizing the institution's Learning Management System (LMS) Canvas, it is a self-paced course designed around you the new student, assisting you in learning the answers to questions you may have, and providing you with a chance to meet and connect with other new students as well. All new students are strongly encouraged to register and participate in University-Wide Orientation.

Credits: 0

MUIH550 **ACADEMIC RESEARCH AND** **SCHOLARSHIP**

This fully online, self-paced course is designed to prepare students to engage in graduate-level research and scholarship with a focus on the utilization of resources available at or through MUIH's Sherman Cohn Library. Modules cover the Association of College and Research Libraries information literacy threshold concepts in

higher education. These concepts are: Scholarship as Conversation, Research as Inquiry, Authority is Constructed and Contextual, Information Creation as a Process, Searching as Strategic Exploration, and Information Has Value.

Credits: 0

NUTR001 **SERVSAFE**

This course is designed to prepare students for the ServSafe Food Protection Manager certification exam. The course covers the following concepts: the importance of food safety, good personal hygiene, time and temperature control, preventing cross contamination, cleaning and sanitizing, safe food preparation, receiving and storing food, methods of thawing, cooking, cooling and reheating food, HACCP (hazard analysis and critical control points) and food safety regulations. Upon completion of this course and passing the associated exam, students will be ServSafe Food Protection Manager certified. This certification satisfies the ServSafe non-academic requirement for the MSNIH program. Proctored exam must be taken on campus.

Credits: 0

NUTR601 **REDEFINING NUTRITION**

This course re-defines the assumptions of nutrition by exploring controversies, conflicting opinions, and by addressing reductionism and holism in nutrition. It encourages critical thinking and healing presence as a framework for understanding whether or not current issues or personal biases in the field of nutrition are valid. Students explore new interpretations of food, eating, and nourishment. Students investigate the impact of food choices on the health of the planet, the community, and the mind-body-spirit of an individual.

Credits: 1

NUTR602 **NUTRITION: FOOD AND** **BALANCE**

Nutrition is a foundation to support balance and wellness. Students learn the role that food plays in healing and how the environment impacts our health. Current approaches to nutritional therapy are reviewed for their role in creating wellness. This course allows students to integrate nutrition into their personal life and/or future careers.

Credits: 3

NUTR604 **GRADUATE SEMINAR**

This course introduces students to the multiple roles of food in health and wellness and to the philosophy and mission of the program and the university. Key topics in integrative nutrition and the importance of healing presence to the nutritionist's practice will be explored.

Credits: 1

NUTR612 **HUMAN NUTRITION II:** **MICRONUTRIENTS**

This course covers structure, function, and food sources of the micronutrients (vitamins, minerals, trace minerals, and various phytochemicals). The complex function of each nutrient is reviewed, along with interactions, excesses, deficiencies, supplementation, and nutrient synergy. The effects of food processing, fortification and agricultural practices on micronutrient density of foods will be explored. The course will also cover lab assessment of nutritional status. Students use a variety of methods to compare the micronutrient content of diets and will review safety and toxicology of dietary supplements, drug-nutrient, and nutrient-nutrient interactions.

Credits: 3

Prerequisite: ISCI547a and 2 of the following: ISCI626, or NUTR614

NUTR613**HUMAN NUTRITION:
MACRONUTRIENTS AND
MICRONUTRIENTS**

This course covers macronutrients (carbohydrates, lipids, and proteins) and micronutrients (vitamins, minerals, trace elements, and various phytochemicals and accessory nutrients). Macronutrients are addressed in terms of digestion, absorption, transportation, metabolism, and storage. The health effects of various macronutrients and their building blocks are considered. The complex function of micronutrients is reviewed, along with interactions, excesses, deficiencies, and supplementation. Students will examine nutrients within the context of a whole foods diet. Students will become proficient in analyzing case study data comparing nutrient intake in a variety of diets.

Credits: 3

NUTR614**HUMAN NUTRITION I:
MACRONUTRIENTS**

This course covers the macronutrients — carbohydrates including fiber, lipids, proteins, along with water and hydration. Macronutrients are studied from digestion, absorption, and transport to metabolism and storage. Energy metabolism and dietary reference intakes are reviewed. Students will examine macronutrients within the context of a whole foods diet, analyze case study data, and conduct comparative analyses of macronutrients in a variety of diets. Students will discuss current issues in food processing and the environmental impact of food choice. Students become proficient in a variety of diet analysis methods, including food frequency and diet history questionnaires.

Credits: 2

NUTR615**NUTRIENT OPTIMIZATION FOR
MENTAL PERFORMANCE IN
ATHLETES**

This course will explore how phytonutrients, vitamins, minerals, amino acids, fatty acids, and macronutrients are involved in direct and indirect ways in mental clarity and performance for athletes.

Credits: 3

**Prerequisite: ISCI671 and
NUTR613**

NUTR616**NUTRIENT OPTIMIZATION FOR
PHYSICAL PERFORMANCE IN
ATHLETES**

This course will be an in-depth study of whole food diets that support athletic performance.

Macronutrients, supplements, the effect of hydration, timing of meals, and the role of the immune system will be explored. Scope of practice will be discussed.

Credits: 3

Prerequisite: NUTR615

NUTR617**NUTRITIONAL GENOMICS**

The focus of this course will be on nutritional genomics and how individual genomic variation influences nutrient metabolism. Discussion will include single nucleotide polymorphisms, the effect of nutrients on hormone responses, biotransformation, and interactions with the microbiome.

Credits: 3

NUTR622**ADVANCED BIOCHEMISTRY,**

Pathophysiology, and Assessment

Within the biopsychosocial model of health and wellness, condition-specific nutrition therapy for a wide range of medical conditions are covered. This course builds on the foundation of nutritional biochemistry and pathophysiology, exploring more advanced and complex issues surrounding normal and abnormal metabolism

of nutrients. Students will review a variety of pathological states from molecular, biochemical and integrative perspectives. Students will learn to identify key core imbalances within the broader context of health inputs. Students will demonstrate competence in recommending whole food dietary interventions, supplementation and integrative health approaches to conditions studied. Students will gain competence in the selection and/or interpretation of laboratory assessments and other diagnostic tools. The etiology, pathophysiology and clinical presentation of conditions studied will be reviewed along with conventional therapeutic approaches.

Credits: 3

**Prerequisite: 1 of the following:
NUTR633 or NUTR635**

NUTR625**INTRODUCTION TO
NUTRITIONAL GENOMIC
COUNSELING**

This course introduces the field of nutritional genomics, the influence of nutrition on the genome and its relation to health and wellness. The concepts of epigenetics, genome testing and analysis, single nucleotide polymorphisms, biomarker status in relation to genome expression and cutting edge research will be investigated. There will be explorations into the role of diet and supplementation in nutritional genomic counseling.

Credits: 1

Prerequisite: ISCI626

NUTR633**INTEGRATIVE CLIENT CARE:
NUTRITION ASSESSMENT,
APPLIED BIOCHEMISTRY AND
TREATMENT PLANNING**

Students will become familiar with the skills relevant to nutritional assessment including analysis of dietary records; observational methods; and the selection and interpretation of clinical laboratory

tests. Integrating a foundation in nutritional biochemistry with nutritional assessment, students will learn to generate a rational, practical treatment plan that incorporates whole foods and nutritional supplementation within the broader context of health inputs. Common health concerns including heart disease, diabetes, chronic inflammation, obesity, eating disorders and gastrointestinal disorders will be discussed from a biopsychosocial perspective. Drug-nutrient reactions will be addressed.

Credits: 4

Prerequisite: ISCI626 and NUTR613

NUTR634

DIABETES EDUCATION: AN INTEGRATIVE APPROACH

This course reviews pathophysiology and epidemiology of type 2 diabetes, including techniques for assessment, treatment and prevention. Practitioners will learn to identify risk factors of pre-diabetes and initiate preventative counseling in nutrition, as well as provide community education. Meal planning, health behavior change, monitoring, and other management tools will be explored.

Credits: 1

Prerequisite: ISCI547a and 1 of the following: NUTR613 or NUTR614

NUTR635

APPLIED CLINICAL NUTRITION I NUTRITIONAL ASSESSMENT

Within the biopsychosocial model of health and wellness, condition-specific nutrition therapy for a wide range of medical conditions are covered. This course explores more advanced and complex issues surrounding normal and abnormal metabolism of nutrients. Students will review a variety of pathological states from molecular, biochemical and integrative perspectives. Students will learn to identify key core imbalances within the broader context of health inputs. Students

will demonstrate competence in recommending whole food dietary interventions, supplementation and integrative health approaches to conditions studied. Students will gain competence in the selection and/or interpretation of laboratory assessments and other diagnostic tools. The etiology, pathophysiology and clinical presentation of conditions studied will be reviewed along with conventional therapeutic approaches.

Credits: 2

Prerequisite: 1 of the following: NUTR612, or NUTR613

NUTR636

APPLIED CLINICAL NUTRITION II NUTRITIONAL ASSESSMENT

This course provides the second half of Applied Clinical Nutrition. Within the biopsychosocial model of health and wellness, condition-specific nutrition therapy for a wide range of medical conditions are covered. This course explores more advanced and complex issues surrounding normal and abnormal metabolism of nutrients. Students will review a variety of pathological states from molecular, biochemical and integrative perspectives. Students will learn to identify key core imbalances within the broader context of health inputs. Students will demonstrate competence in recommending whole food dietary interventions, supplementation and integrative health approaches to conditions studied. Students will gain competence in the selection and/or interpretation of laboratory assessments and other diagnostic tools. The etiology, pathophysiology and clinical presentation of conditions studied will be reviewed along with conventional therapeutic approaches.

Credits: 2

Prerequisite: NUTR635

NUTR637

NUTRITION AND DIGESTIVE HEALTH

This course will explore the relationship between food, digestion and health. The course will cover the role of food and lifestyle in maintenance of health, and delve into assessment and the rationale for specific therapeutic dietary approaches for restoring digestive integrity. Topics will include: digestion and absorption, intestinal permeability, the role of the gut microbiome, inflammation and the gut immune system, and the gut-brain system connection. Digestive issues including gluten sensitivity, celiac disease, food sensitivities, irritable bowel syndrome, and the use of restorative foods in a variety of gastrointestinal conditions will also be explored.

Credits: 1

Prerequisite: ISCI626 and ISCI647b

NUTR638

GENOMIC TESTING IN CLINICAL PRACTICE

Emphasis will be on current genomic tests and the technologies utilized in testing. Topics will include ribosomal sequencing and the field of bioinformatics. The ethics, the costs, and the benefits of genomic testing for client/patient populations will be explored.

Credits: 3

NUTR639

INTEGRATING NUTRITIONAL GENOMICS INTO CLINICAL CARE

This course will examine the role of genomics in the context of overall clinical care, including the therapeutic order, and will discuss how nutritional genomics and nutritional interventions can be integrated into client care for specific health conditions such as inflammation, immune dysregulation, detoxification, bone health, and gastrointestinal conditions.

Credits: 3

NUTR641**LIFE CYCLE NUTRITION**

This course explores the changes in human nutrition through the life cycle stages from pre-conception through the elder years. Students will examine biopsychosocial health inputs at each stage of development, along with the impact of diet on each phase. Students will become knowledgeable about federal, state, and local programs that provide support for food or nutrition education at various life cycle stages. Students will learn to design diets to meet needs during various life cycle stages. Case studies, menu planning, and diet assessment will be incorporated.

Credits: 3

Prerequisite: 1 of the following: NUTR612 or NUTR613

NUTR643**PUBLIC HEALTH NUTRITION**

This course studies nutrition from the perspective of the community rather than the individual. The course covers the epidemiological and scientific basis for government-based policies on nutritional requirements and recommendations, the role of nutrition in health promotion and disease prevention, and strategies for improving the nutrition and health of communities. The course also includes an overview of health disparities, health equity and the impact of nutrition policy on population-wide eating habits.

Credits: 2

Prerequisite: NUTR641

NUTR644**Epigenetics, Nutrients, and Lifestyle Influences on the Genome**

This course will explore epigenetics, bioactive food compounds, and the mechanisms of inheritance of genomic modifications as well as the role of lifestyle in nutrient/genome interactions. The field of culinary genomics will be discussed.

Credits: 2

NUTR651A**CLINICAL SKILLS I**

The purpose of this course is for the student to apply the clinical nutrition practice model from an integrative perspective. The student will learn the application of the universal nutrition care process (NCP) of assessment, nutrition diagnosis, intervention, evaluation and monitoring. The student will develop basic nutrition assessment skills as well as client relationship building, interviewing, intake and health history taking skills.

Through practice experience, the student will learn to utilize the NCP for determining nutritional status, diagnosis, pattern recognition and core imbalances. Students will be given the starting tools for an effective clinical nutrition practice.

Credits: 2

Prerequisite: ISCI647b and NUTR612

NUTR651B**CLINICAL SKILLS II**

In this course students will continue to hone interpersonal and observational skills and apply knowledge to real-life clinical situations and practice sessions. Students will delve deeper into clinical strategies, learning the application of specific food plans and the role of dietary supplements in clinical nutrition practice. Students will hone their motivational interviewing skills, develop strategies to address various core-imbalances and clinical scenarios, develop their personal counseling style, and build skills to work with clients who are resistant to change.

Credits: 2

Prerequisite: NUTR651A

NUTR654C**CLINIC**

In this course, students apply all of their learning to become a healing presence in the client-practitioner relationship. Students receive hands-on practice in the university

student clinic in the nutrition care process, including assessment, diagnosis, intervention, monitoring and evaluation in supervised clinical practice. This course will provide students with the opportunity to hone their clinical and counseling skills in order to practice nutrition and integrative health effectively and competently. Within the clinic shift, discussions with supervisors will provide students with feedback, as well as the opportunity to collaborate on care plans and further develop their critical thinking skills.

Credits: 1.5

Prerequisite: NUTR635 and NUTR651A; and Additional Requirement: Become a client of an integrative nutritionist in student's area of residence or with a senior clinical nutrition intern at the MUIH Natural Care Center for at least three nutrition consultations

NUTR654D**CLINIC**

This course provides the second half of the supervised clinical practice experience. Students receive hands-on practice in the university student clinic in the nutrition care process, including assessment, diagnosis, intervention, monitoring and evaluation. This course will continue to provide students with the opportunity to hone their clinical and counseling skills in order to practice nutrition and integrative health effectively and competently. Within the clinic shift, discussions with supervisors will provide students with feedback, as well as the opportunity to collaborate on care plans and further develop their critical thinking skills.

Credits: 1.5

Prerequisite: NUTR651B and NUTR654C

NUTR655C**NUTRITION/HERBAL THERAPEUTICS CLINIC**

In this course, students apply all of their learning to become a healing

presence in the client-practitioner relationship. Students receive hands-on practice in the university student clinic in the herbal and nutrition care process, including assessment, diagnosis, intervention, monitoring and evaluation in supervised clinical practice. This course will provide students with the opportunity to hone their clinical and counseling skills in order to practice nutrition, herbal counseling and integrative health effectively and competently. Within the clinic shift, discussions with supervisors will provide students with feedback, as well as the opportunity to collaborate on care plans and further develop their critical thinking skills.

Credits: 1.5

Prerequisite: NUTR635 and NUTR651A; and **Additional Requirement:** Become a client of an integrative nutritionist in student's area of residence or with a senior clinical nutrition intern at the MUIH Natural Care Center for at least three nutrition consultations

NUTR655D **NUTRITION/HERBAL** **THERAPEUTICS CLINIC**

This course provides the second half of the supervised clinical practice experience. Students receive hands-on practice in the university student clinic in the nutrition and herbal care process, including assessment, diagnosis, intervention, monitoring and evaluation. This course will continue to provide students with the opportunity to hone their clinical and counseling skills in order to practice nutrition, herbal counseling and integrative health effectively and competently. Within the clinic shift, discussions with supervisors will provide students with feedback, as well as the opportunity to collaborate on care plans and further develop their critical thinking skills.

Credits: 1.5

Prerequisite: NUTR651B and NUTR655C

NUTR656C **CLINICAL STRATEGIES IN** **NUTRITION CARE**

This course is designed to give students practice in nutritional assessment and counseling. Students apply all of their learning to become a healing presence in the client-practitioner relationship. Mock counseling sessions held during clinic shifts will provide students with the opportunity to hone their clinical skills with a supportive environment that builds their confidence and proficiency in order to practice nutrition and integrative health effectively and competently. Instructor case reviews will provide students with feedback from supervisors, as well as the opportunity to collaborate on care plans and further develop their critical thinking skills.

Credits: 1.5

Prerequisite: NUTR635 and NUTR651A; and **Additional Requirement:** Become a client of an integrative nutritionist in student's area of residence or with a senior clinical nutrition intern at the MUIH Natural Care Center for at least three nutrition consultations

NUTR656D **CLINICAL STRATEGIES IN** **NUTRITION CARE**

This course provides the second half of the clinical strategies experience. Students apply all of their learning to become a healing presence in the client-practitioner relationship. Mock counseling sessions held during clinic shifts will provide students with the opportunity to hone their clinical skills with a supportive environment that builds their confidence and proficiency in order to practice nutrition and integrative health effectively and competently. Instructor case reviews will provide students with feedback from supervisors, as well as the opportunity to collaborate on care plans and further develop their critical thinking skills.

Credits: 1.5

Prerequisite: NUTR651B and NUTR656C

NUTR663 **SPORTS NUTRITION**

This course examines diets that support effective athletic performance. Macronutrient mix, hydration, timing of meals, and support of the immune system for athletes will be considered. Gender-specific nutritional conditions and risks related to athletic endeavors will be reviewed.

Credits: 1

Prerequisite: ISCI547a and 1 of the following: NUTR613 or NUTR614

NUTR664 **FOOD SYSTEMS AND POLICY**

This course addresses current topics in food, nutrition, public health and environmental sustainability including: access to food, food systems, influence of food/nutrition policies on the individual and planet, cost of foods, influences on food selection, food safety, nutrition-related health challenges. These issues will be explored from local, national and global perspectives.

Credits: 2

NUTR665 **THE DYNAMICS OF FOOD AND** **HEALING**

In this course students will explore how food relates to healing. Students will compare various theoretical frameworks, such as energetic and whole systems theories. They will examine the effectiveness of different nutritional approaches for bringing balance to the body, and learn practical applications of using food for healing.

Credits: 1

NUTR668 **CULINARY HERBS IN THE** **KITCHEN AND BEYOND**

The purpose of this course is to help students develop a working relationship with the individual

culinary herbs used as flavor enhancers in culinary practice and as remedies in herbal practice. The course will help students to evaluate their own knowledge and to think critically and analytically about the role of culinary herbs in diet. This course supports students who seek to integrate culinary herbs in different dishes based on nutritional science to enhance their personal life and it will empower them to use this knowledge in their future careers as health professionals. Students will start their own culinary herb garden.

Credits: 1

NUTR671 **FOOD AND CULTURE**

This course explores the cultural influences on food and diet globally as well as in the United States. With a focus on the dynamic influences which shape diet and eating practices, students will discover new ways to assess the food and diet of an individual within the context of their culture. The focus of this course will be on the myriad of cultural influences which created the diets seen across the United States today.

Credits: 1

NUTR672 **MINDFUL EATING AND NOURISHMENT**

This course is designed for the student to explore his/her relationship to food from a psycho-spiritual perspective, to explore many of the cultural and familial messages that one carries, and to identify personal patterns around eating. Students will explore the concept of mindful eating and learn tools and techniques for guiding clients and groups in mindfulness practices.

Credits: 2

NUTR673 **GLOBAL NUTRITION**

This course will provide students with an understanding of global nutrition principles in order to

explore nutritional concepts and trends. Citizens in all countries have been rapidly adapting the western diet for several decades. The result is a phenomenon epidemiologists call the nutrition transition, the shift from health conditions caused by insufficient nutrition to those caused by over consumption. This course will cover the nutrition transition from the global perspective, examining the large scale causes and potential solutions to this emerging crisis around the world; focus on specific countries to demonstrate the local issues and effects and how they are being addressed.

Credits: 2

NUTR675 **CHINESE NUTRITION THERAPY**

This course explores the theory and practice of Chinese nutritional therapy. We will examine basic concepts of Chinese medical theory and diagnosis, and the energetic nature of food from a traditional Chinese medical perspective. Topics include the influence of the five flavors, the thermal nature of foods, the influence that diet/nutrition have on the organ/meridian systems, and the effects of different cooking and preparation methods. Basic diagnostic skills using tongue and other key signs and symptoms are covered, giving students the ability to make basic nutritional recommendations for particular conditions. Experiencing the different food energetics, through tasting, is included!

Credits: 2

NUTR676 **CHINESE AND WESTERN NUTRITION THERAPY**

This course for non-nutrition students explores the theory and practice of Chinese nutritional therapy, using the lens of Western and Chinese medicine. Students will gain a basic knowledge of evidence-based Western nutrition. Students will also examine the energetic nature of food

from a traditional Chinese medical perspective, and understand how to explain these concepts from a Western perspective. Topics include the influence of the five flavors, the thermal nature of foods, the influence that diet/nutrition have on the organ/meridian systems, and the effects of different cooking and preparation methods, as well as basic information on macro and micro nutrients and their link to Chinese nutrition. Basic diagnostic skills using tongue and other key signs and symptoms are covered, giving students the ability to make basic nutritional recommendations for particular conditions. Experiencing the different food energetics, through tasting, is included!

Credits: 2

Prerequisite: AOM613a and ISCI547a

NUTR681 **COOKING WITH WHOLE FOODS LAB I**

Cooking with Whole Foods Lab I is the foundation lab from which all other labs are built upon. This lab will cover basic kitchen sanitation, safety, quality of ingredients selection, stocking a pantry and equipment essentials. Lab I also includes knife skills practice, along with basic cooking techniques of grains, beans and greens. Students will prepare recipes for group tasting and discussion.

Credits: 0.5

NUTR682 **COOKING WITH WHOLE FOODS LAB II**

Cooking with Whole Foods Lab II builds on the foundational skills learned in Lab I. The focus will teach the developing nutritionist how to balance the flavors (salt, sweet, sour, bitter, pungent and astringent) by incorporating them into delicious meals with health supportive properties. Students will discover their own innate taste buds and create dishes with natural salts, salt

substitutes, and natural sugars, and they learn how to minimize the use of processed ingredients. Students learn to optimize flavor/taste for various health concerns. To fit these criteria, the class will discuss how to adjust favorite recipes and create educational handouts on healthy sweets and salts.

Credits: 0.5

Prerequisite: NUTR681

NUTR683 **COOKING WITH WHOLE** **FOODS LAB III**

Cooking with Whole Foods Lab III prepares the developing nutritionist with the skills to educate others about healthy food, food preparation, and whole foods cooking. Through engaging in the kitchen, students are able to link theory with real food and real life applications. In addition to building essential culinary skills, this lab will teach the developing nutritionist the traditional cooking techniques of lacto-fermentation, create enzyme rich sauces, making nutrient-dense bone and meat stocks, and working with organ meats.

Credits: 0.5

Prerequisite: NUTR682

NUTR684 **COOKING WITH WHOLE** **FOODS LAB IV**

Cooking with Whole Foods Lab IV covers feeding the individual with food allergies and/or sensitivities. Best techniques for replacing allergens are explored and special focus is given to gluten-free and dairy-free shopping, cooking, and food preparation. Students practice and explore best cooking techniques that support the life style of the diverse population who suffers with food allergies and learn skills to create nutrient dense meals in 30 minutes or less.

Credits: 0.5

Prerequisite: NUTR682

NUTR686 **COOKING WITH WHOLE** **FOODS LAB VI**

Cooking with Whole Foods Lab VI facilitates the transition from student to nutritionist and health educator. Students become familiar with designing meal plans; strategies and resources for teaching clients about eating, preparing, and cooking whole foods; and eating on a budget. Each student demonstrates his/her cooking skills by designing and implementing a whole foods cooking demonstration for a group supported by powerful educational materials to support their topic.

Credits: 0.5

Prerequisite: NUTR001 and NUTR682

NUTR687 **COOKING WITH WHOLE FOODS** **LAB VII**

Cooking with Whole Foods Lab VII continues to expand and elevate the student's repertoire of ingredients and culinary skills in order to help them engage clients in making healthy lifestyle choices with food and cooking as the foundation. This lab focuses on food as medicine, develops the skills of the practitioner to help the client transition with ease from Standard American Diet. Students are engaged in market basket cooking for specific imbalances by creating one pot meals in harmony with the season, healthy snacks and other easy to make meals by improvising and adapting to a variety of client populations at all socioeconomic levels.

Credits: 0.5

Prerequisite: NUTR682

NUTR688 **COOKING WITH WHOLE FOODS** **LAB VIII**

Cooking with Whole Foods Lab VIII explores raw food preparation as well as medicinal and healing food preparations. This lab also expands the student's food pharmacy. Students will learn the application

of raw foods, how to balance raw food flavors and experience the benefits of a dehydrator, sprouting, and juicing to create nutrient dense meals. Students build confidence improvising and adapting raw foods cooking for a variety of client populations at all socioeconomic levels.

Credits: 0.5

Prerequisite: NUTR682

NUTR689 **WHOLE FOODS COOKING TO** **SUPPORT HIGH PERFORMANCE**

This course combines foundational cooking skills with an emphasis on planning and preparing whole foods to enhance athletic performance.

Credits: 1

NUTR691C **PRACTICUM**

The purpose of a practicum is to give students practical field experience in an off-campus organization, agency, or community setting. It is designed primarily to focus on the delivery of nutrition-related services to support health promotion, education, and other nutritional services to a group. Students apply all of their learning to become a healing presence in the community. In this first half of practicum, students identify an appropriate site, assess the needs of the target population, and develop nutrition education materials and lesson plans. Students will build their confidence and proficiency in order to practice nutrition and integrative health effectively and competently in the community.

Credits: 1.5

Prerequisite: IHED 620 and IHED626 and ISCI647b and NUTR001 and NUTR641 and Additional Requirement: Become a client of an integrative nutritionist in student's area of residence or with a senior clinical nutrition intern at the MUIH Natural Care Center for at least

NUTR691D **PRACTICUM**

This course is the second half of practicum experience. Students continue to work at an off-campus site delivering nutrition-related services to support health promotion, education, and other nutritional services to a group. Students apply all of their learning to become a healing presence in the community. Students evaluate their program and participant outcomes and detail their findings in a comprehensive report and reflection paper. Students will build their confidence and proficiency in order to practice nutrition and integrative health effectively and competently in the community.

Credits: 1.5

Prerequisite: IHED 623 and IHED625 and NUTR691C

NUTR692C **CAPSTONE PROJECT**

The Capstone project is an opportunity for students to complete an applied research project on a nutrition topic in the areas of health promotion, education or other nutritional services as it relates to a community health problem or public policy issue. Through the Capstone Project, students will integrate and apply all of their learning to successfully complete the Capstone Project which requires both a written research paper and a webinar presentation. Students will identify and focus on a narrow topic, prepare an outline, and conduct a literature review of the relevant research in the selected field.

Credits: 1.5

Prerequisite: ISCI647b and NUTR641 and 1 of the following: ISCI701 or RSCH601; and
Additional Requirement: Become a client of an integrative nutritionist in student's area of residence or with a senior clinical nutrition intern at the MUIH Natural Care Center for at least three nutrition consultations.

NUTR692D **CAPSTONE PROJECT**

This course is the second half of the research experience that culminates in the delivery of a written research paper and a webinar presentation. The student continues to work on their applied research project on a nutrition topic in the areas of health promotion, education or other nutritional services as it relates to a community health problem or public policy issue. Through the Capstone Project, students will integrate and apply all of their learning to successfully complete the Capstone Project.

Credits: 1.5

Prerequisite: NUTR692C

NUTR6EXI **NUTRITION MSNIH** **COMPREHENSIVE EXAM**

Nutrition MSNIH Comprehensive Exam

Credits: 0

NUTR722 **ADVANCED LABORATORY** **ASSESSMENT**

This course is an opportunity for the nutrition student to delve deeper into laboratory and biochemical assessments that assist the multi-dimensional and integrative nutrition practice. Through the exploration of blood, tissue and genomic testing, students will deepen their understanding of mitochondrial dysfunction, detoxification and biotransformation, hormone and neurotransmitter imbalances, digestive and immune dysfunction, and nutritional genomics. Students will be challenged to critically interpret and analyze clinical findings.

Credits: 2

Prerequisite: 1 of the following: NUTR633 or NUTR635

NUTR800 **GRADUATE COLLOQUIUM**

This course comprises the initial residential component of the DCN

program. The objective of this colloquium is to introduce the cohort to each other and to faculty; to provide leadership and explain the doctoral process; and to introduce students to core principles and values of the university. During this course, students will begin to delineate areas of practice and research interest and explore what it means to cook with whole foods by participating in a hands-on experience.

Credits: 1.5

NUTR801 **PRINCIPLES OF INTEGRATIVE & FUNCTIONAL NUTRITION**

This course lays the groundwork the philosophy and practice of Integrative and Functional Nutrition. Evidenced based principles are blended with traditional healing systems to create a person centered, relationship-based foundation for clinical practice. Content will explore the relationships between lifestyle, health outcomes, and the role of a systems based approach for assessment and therapeutics. Assessment tools will include the Integrative & Functional Medical Nutrition Therapy Radial, tools from the Institute for Functional Medicine, and others.

Credits: 3

NUTR802 **NUTRITIONAL APPROACHES** **TO DETOXIFICATION**

Daily we are exposed to environmental chemicals, metals, and electromagnetic fields that can disrupt health. This course looks at the underlying physiology of detoxification and biotransformation; it explores how to recognize environmental issues and best practices for assessing their contribution to illness, and the role of food, nutrients, nutraceuticals, and the role of lifestyle in the detoxification process. Discussion will also focus on scope of practice and the role the nutritionist plays in addressing environmental toxicity.

Credits: 3

Prerequisite: NUTR800 and NUTR801

NUTR810 **SPECIAL TOPICS IN NUTRITION I**

This is a weekend long, residential course that focuses on current topics in nutrition. Students at the doctoral level and their faculty members have varied areas of interest and expertise. This course provides a forum for presentation and discussion of these unique topics. Course theme and/or topics will be coordinated by faculty.

Credits: 1.5

Prerequisite: NUTR800 and NUTR801

NUTR811 **SPECIAL TOPICS IN NUTRITION II**

This is a weekend long, residential course that focuses on current topics in nutrition. Students at the doctoral level and their faculty members have varied areas of interest and expertise. This course provides a forum for presentation and discussion of these unique topics. Course theme and/or topics will be coordinated by faculty.

Credits: 1.5

Prerequisite: 1 of the following: NUTR900 or NUTR902

NUTR821 **BIOETHICS IN CLINICAL NUTRITION**

This course explores the principles of bioethics in Clinical Nutrition. Topics include legal and medical terminology, scope of practice, protecting client confidentiality, Health Insurance Portability and Accountability (HIPAA), sales of nutraceuticals and health products. Other ethical areas of concern in nutrition covered include food production, labeling, health claims, and funding of research.

Credits: 3

NUTR822 **EPIGENETICS & NUTRITIONAL GENOMICS**

Evidenced based research is growing in the relatively new fields of epigenetics

and nutritional genomics and their role in gene expression. This course provides an introduction to these fields including proteomics, DNA and protein methylation, acetylation, and current research and application of nutritional genomic principles. Exploration will examine the interaction between environmental factors and the epigenome. Specifics will include the validity and application of genomic testing, and the role of diet, herbs, spices, and lifestyle in epigenetic and nutritional genomics.

Credits: 3

Prerequisite: NUTR800 and NUTR801

NUTR831 **INTEGRATIVE & FUNCTIONAL NUTRITION IN GASTROINTESTINAL HEALTH & DISEASE**

This course examines the gastrointestinal system in health and disease, linking those concepts to applied clinical nutrition. Topics include the metabolism of digestion, absorption, assimilation and excretion of macro and micronutrients; and their role in systemic health and disease. The pathophysiology of common digestive conditions will be explored through an integrative and functional lens. Celiac disease and gluten sensitivity, irritable bowel syndrome, food sensitivities, increased intestinal permeability, inflammatory bowel disease, and gastrointestinal reflux disease will be discussed. Current research on the microbiome, probiotics, and prebiotics will be discussed. Assessments will include signs and symptoms, and relevant laboratory analysis. Therapeutic approaches will incorporate whole foods, therapeutic diets, nutritional supplements, and lifestyle in the broader context of an individual's health, goals, and environment. Case studies will be used to help students integrate the science with clinical application.

Credits: 3

Prerequisite: NUTR800 and NUTR801

NUTR832 **INTEGRATIVE & FUNCTIONAL NUTRITION IN IMMUNE HEALTH**

This course examines the immune system and the role of inflammation in health and disease, and links those concepts to applied clinical nutrition. Immune and auto-immune conditions are on the rise. This course will discuss the innate and acquired immune system, the importance between oxidation and antioxidants, inflammatory and anti-inflammatory responses, how the immune system protects us, and what occurs when these systems are overwhelmed. Relationships between food, stress, environmental factors, digestive imbalances and inflammation and immune function will be explored. Topics will include cell signaling molecules, antioxidant nutrients, polyphenols, and fatty acids in immunity and inflammation. Common conditions will be explored through an integrative and functional lens, including auto-immune conditions, allergy, fibromyalgia, and infectious disease. Assessments will include signs and symptoms, and relevant laboratory analysis. Therapeutic approaches will incorporate whole foods, therapeutic diets, nutritional supplements, and lifestyle in the broader context of an individual's health, goals, and environment. Case studies will be used to help students integrate science with clinical application.

Credits: 3

Prerequisite: NUTR800 and NUTR801

NUTR833 **INTEGRATIVE & FUNCTIONAL NUTRITION IN CARDIO-METABOLIC HEALTH**

This course examines cardio-metabolic health and disease, and links those concepts to applied

clinical nutrition. Obesity, metabolic syndrome, diabetes, heart disease, stroke, and Type 2 diabetes have common biochemical pathways of inflammation, and insulin resistance. This course will explore the biochemistry, metabolism, pathophysiology, and epidemiology of cardio-metabolic disease. Focus will be on recognition of metabolic syndrome and using an integrative approach to prevent disease and help restore balance. The course will explore research on a wide variety of dietary approaches to cardio-metabolic disease, and discuss the research and controversy about cholesterol management. Assessments will include signs and symptoms, and relevant laboratory analysis. Therapeutic approaches will incorporate whole foods, therapeutic diets, nutritional supplements, and lifestyle in the broader context of an individual's health, goals, and environment. Case studies will be used to help students integrate science with clinical application.

Credits: 3

Prerequisite: NUTR800 and NUTR801

NUTR834 **INTEGRATIVE & FUNCTIONAL** **NUTRITION IN NEUROLOGICAL** **HEALTH**

This course examines the biochemistry of the neurological system in health and disease, linking those concepts to applied clinical nutrition. Topics include basic neural function, neuroplasticity, and neurodegeneration. Content will focus on what occurs at a cellular level including neurotransmitters, the role of fatty acids, vitamins, minerals, herbs, and foods in neurological health. The epidemiology and pathophysiology of common neurological conditions will be explored through an integrative and functional lens including: neural developmental delays in children, mental acuity, insomnia, anxiety and depression, memory and cognitive

decline, multiple sclerosis, and Parkinson's disease. Assessments will include signs and symptoms, and relevant laboratory analysis. Therapeutic approaches will incorporate whole foods, therapeutic diets, nutritional supplements, and lifestyle in the broader context of an individual's health, goals, and environment. Case studies will be used to help students integrate the science with clinical application.

Credits: 3

Prerequisite: NUTR800 and NUTR801

NUTR835 **INTEGRATIVE & FUNCTIONAL** **NUTRITION IN ENDOCRINE** **AND ENERGY HEALTH**

This course examines the endocrine system and energy metabolism in health and disease, linking those concepts to applied clinical nutrition. Stress, diet, imbalanced lifestyle, and environmental hormone disruptors can affect hormone and energy metabolism. The epidemiology and pathophysiology of common hormone imbalances and energy impairments will be explored through an integrative and functional lens. Topics will include mitochondrial health, thyroid, adrenal, hypothalamus, pituitary, and reproductive health. Controversial topics such as the role of iodine in thyroid and breast health will be explored. Assessments will include signs and symptoms, and relevant laboratory analysis. Therapeutic approaches will incorporate whole foods, therapeutic diets, nutritional supplements, and lifestyle in the broader context of an individual's health, goals, and environment. Case studies will be used to help students integrate the science with clinical application.

Credits: 3

Prerequisite: NUTR800 and NUTR801

NUTR836 **CASE REPORTS IN FUNCTIONAL** **NUTRITION**

This course examines the value and usefulness of case reporting as a summary of disparate symptoms and as a way to evaluate clinical findings. Students will evaluate published case reports and learn how to synthesize client information into a case report format using CARE guidelines. Students will prepare a publishable case report including a timeline, narrative, and the appropriate sections for publication in a peer-reviewed integrated nutrition journal.

Credits: 3

Prerequisite: NUTR800 and NUTR801

NUTR850 **NUTRITION FOCUSED PHYSICAL** **EXAM**

This is a residential course that provides hands-on experience in doing a nutritionally focused physical exam. Assessment is critical to good care. Use of a nutrition based physical provides yet another assessment tool for the astute clinician, providing objective methods to assess nutrient insufficiencies and excesses of macronutrients, micronutrients, and fluid status. Students will practice taking vital signs and anthropometrics and will examine eyes, skin, nails, hair, and demeanor to look for signs of nutritional status and hydration.

Credits: 1.5

Prerequisite: NUTR800 and NUTR801

NUTR8EXI **NUTRITION DCN** **COMPREHENSIVE EXAM**

Nutrition DCN Comprehensive Exam

Credits: 0

Prerequisite: NUTR835

NUTR900 **ADVANCED CLINICAL** **NUTRITION RESIDENCY &** **RESEARCH PROJECT I**

This course is a Clinical Residency to apply and synthesize learning in

a clinical setting. Residents work in a nutrition practice, design and implement a clinical research project, and participate in webinars. Discussions cover all domains pertinent to clinical practice. Webinar discussions focus around participants' questions and concerns, case studies, clinical research and practice management to deepen their competencies as advanced-practiced Clinical Nutritionists. In these webinar sessions, the instructor and students may discuss students' case studies regarding students' patients. These webinar discussions are not intended to offer supervision of or advice concerning the students' patients'/clients' care and are offered for educational/second opinion purposes only.

Credits: 3

Prerequisite: NUTR8EXI

NUTR901 **ADVANCED CLINICAL** **NUTRITION RESIDENCY &** **RESEARCH PROJECT II**

This course provides the second half of the Clinical Residency. Residents work in a nutrition practice, complete a clinical research project and participate in webinars. Discussions cover all domains pertinent to clinical practice. Webinar discussions focus around participants' questions and concerns, case studies, clinical research and practice management to deepen their competencies as advanced-practiced Clinical Nutritionists. In these webinar sessions, the instructor and students may discuss students' case studies regarding students' patients. These webinar discussions are not intended to offer supervision of or advice concerning the students' patients'/clients' care and are offered for educational/second opinion purposes only.

Credits: 3

Prerequisite: NUTR900

NUTR902

ADVANCED CLINICAL **STRATEGIES IN NUTRITION I**

This course is a Clinical Residency to apply and synthesize learning in a clinical setting. Residents work in a nutrition practice or in a mock clinical setting, design and implement a clinical research project, and participate in webinars. Discussions cover all domains pertinent to clinical practice. Webinar discussions focus around participants' questions and concerns, case studies, clinical research and practice management to deepen their competencies as advanced-practiced Clinical Nutritionists. In these webinar sessions, the instructor and students may discuss students' case studies regarding students' patients. These webinar discussions are not intended to offer supervision of or advice concerning the students' patients'/clients' care and are offered for educational/second opinion purposes only.

Credits: 3

Prerequisite: NUTR8EXI

NUTR903

ADVANCED CLINICAL **STRATEGIES IN NUTRITION II**

This course provides the second half of the Clinical Residency. Residents complete a nutrition practice or mock counseling sessions, complete a clinical research project and participate in webinars. Discussions cover all domains pertinent to clinical practice. Webinar discussions focus around participants' questions and concerns, case studies, clinical research and practice management to deepen their competencies as advanced-practiced Clinical Nutritionists. In these webinar sessions, the instructor and students may discuss students' case studies regarding students' patients. These webinar discussions are not intended to offer supervision of or advice concerning the students' patients'/clients' care and are offered for

educational/second opinion purposes only.

Credits: 3

Prerequisite: NUTR902

RSCH601

RESEARCH LITERACY IN **INTEGRATIVE HEALTH**

This course supports critical analysis of a wide range of integrative health studies. It provides future integrative medicine professionals with the foundational knowledge and skills to identify and evaluate research design and basic statistics. Students develop skills in searching databases as well as critical appraisal of clinical and epidemiological research. Students will find and evaluate published information on health topics then summarize and share their findings.

Credits: 3

RSCH610

INTRODUCTION TO SCIENTIFIC **WRITING**

Formal scientific writing provides a method to communicate ideas and to persuade readers about the validity of scientific argument and/or discovery. The written body of work within an academic discipline provides an important method for defining the boundaries of that field. The focus will be on using evidence based information and data pertaining to integrative health. Students will be exposed to primary research papers, review papers, and lay articles about science. The experience will improve their ability to make complex scientific research understandable.

Credits: 1.5

Prerequisite: 1 of the following:
ISCI701 or RSCH601

RSCH821

DESIGNING RESEARCH IN **CLINICAL PRACTICE**

This course discusses tools and techniques for conducting research as part of clinical practice. Both qualitative and quantitative research are addressed with an emphasis on practical approaches for the busy

integrative health (IH) clinician. The course teaches practitioners how to design research projects of value to themselves, their patients, and the broader clinical community.

Credits: 3

**Prerequisite: 1 of the following:
AOM790c8 or NUTR801**

RSCH841

ETHICAL REVIEW PROCEDURES IN INTEGRATIVE HEALTH RESEARCH

Students apply the knowledge and skills developed in RSCH821 to design a small-scale research project. Initial research proposals are refined throughout the semester. The course culminates with the submission of a study application to the MUIH institutional review board.

Credits: 3

YOGA 611

THEORETICAL FOUNDATIONS FOR YOGA THERAPY

This course provides the history and philosophies of yoga traditions that serve as the foundation for Yoga Therapy. Specific traditions will be discussed in parallel with classic texts in this field. Yogic cosmology will be investigated, examining Vedic theories about creation and the major forces that govern life and change. Students will explore the basics of Ayurvedic theory including the five elements, the doshas, and the Ayurvedic clock. Basic yogic anatomy and physiology, including concepts of mind body layers and energetics (including koshas, chakras, nadis and maras) will be introduced. Students will learn how these theories and principles support the practices of Ayurveda, as well as relevant terms in Sanskrit. While these concepts are derived from Hindu beliefs, they will be explored in relationship to their influence on the field of yoga.

Credits: 2

YOGA 612

HEALTH AND DISEASE: YOGIC PERSPECTIVES AND PRACTICES

Concepts of health and disease pathogenesis from a yogic perspective will be discussed. Concepts important to understanding the causes of behavior that lead to suffering will be explored through the principle teachings of yoga. The relationship between asana, pranayama, meditation, diet, and lifestyle will be addressed in the context of health promotion, disease prevention and disease management. The class will include both classic training and contemporary understanding of the principles that constitute a yoga lifestyle. Fundamental principles of Ayurveda will be incorporated to provide a complementary perspective.

Credits: 3

Prerequisite: YOGA 611

YOGA614

THEORETICAL FOUNDATIONS AND PRACTICAL APPLICATIONS OF YOGA THERAPY FOR MIND AND SPIRIT

This course introduces yogic perspectives on the structure and function of the mind, including states of balance and imbalance. Students learn how yoga practices can support a shift in one's approach to life's challenges. The effects of daily movement and breathing practices (asana and pranayama) on the mind will be explored. Students learn forms of meditation, yoga nidra and Ayurvedic wellness practices that support meditation and relaxation as well as mantras, yantras and mudras along with their practical application.

Credits: 2.5

Prerequisite: YOGA 612

YOGA 615

BREATH AND HEALTH

Yoga practices can have a profound effect on health by leading to changes in vitality associated with shifts in the flow of prana. This course will

specifically explore the concept of prana in conjunction with pranayama or traditional practices of breath work. Included in this course will be in-depth consideration of common breath pattern disorders, their effect upon health (with specific consideration of prevalent health issues and symptoms of over-breathing), and the appropriate practices of pranayama that can be taught to address these breathing patterns. Both the physical and subtle anatomy of the breath will be covered. Students will also develop their skills in leading breathing practices.

Credits: 1

Prerequisite: YOGA 611

YOGA 634

THERAPEUTIC RELATIONSHIP AND CLIENT EDUCATION I

This course introduces teaching and therapy skills commonly used by Yoga Therapy practitioners. Students will learn the skills to assess educational needs, then design, implement, and evaluate educational programs for both individuals and groups. Critical aspects of the relationship between the practitioner and the client will be addressed. Discussions will include scope of practice and boundaries, including boundaries used in discussions of sexuality, religion and other issues relevant to the practice of Yoga Therapy. This 1.5 credit course includes 15 didactic hours and 22.5 hours of independent study overseen by course faculty.

Credits: 1.5

Prerequisite: YOGA6EX1

YOGA 635

THERAPEUTIC RELATIONSHIP AND CLIENT EDUCATION II

This course continues the work begun in Yoga 634 Therapeutic Relationship and Client Education I (please see description above). This 3 credit course includes 30 didactic hours and 45 hours of independent study overseen by course faculty.

Credits: 3

Prerequisite: YOGA 634

YOGA 640**YOGA THERAPY: PRINCIPLES AND PRACTICES**

This series of courses (YOGA 640, 642, 643) examines approaches to Yoga Therapy, including fundamental philosophies, concepts that guide development of a treatment plan, and tools and techniques used to design practices for specific conditions and special client populations. Experienced practitioners demonstrate and discuss the application of diverse approaches in Yoga Therapy. This course focuses on the therapeutic applications of yoga therapy for common physiological conditions (cardiac care, oncology, i.e.) that have a functional origin. Students will also learn specific practices to support clients that have been referred for yoga therapy.

Credits: 2**Prerequisite: YOGA6EX1****YOGA 642****YOGA THERAPY: PRINCIPLES AND PRACTICE II**

This series of courses (Yoga 640, 642, 643) examines approaches to Yoga Therapy, including fundamental philosophies, concepts that guide development of a treatment plan, and tools and techniques used to design practices for specific conditions and special client populations. Experienced practitioners demonstrate and discuss the application of diverse approaches in Yoga Therapy. This course (Yoga 642) focuses on the therapeutic applications of yoga therapy for chronic pain and neurological disorders. Examples of specific issues that will be addressed include low back pain, fibromyalgia, migraine headache and Multiple Sclerosis. Special emphasis will be on developing adaptive yoga practices for clients with limited mobility.

Credits: 2**Prerequisite: YOGA 640****YOGA 643****YOGA THERAPY: PRINCIPLES AND PRACTICE III**

This series of courses (Yoga 640, 642, 643) examines approaches to Yoga Therapy, including fundamental philosophies, concepts that guide development of a treatment plan, and tools and techniques used to design practices for specific conditions and special client populations. Experienced practitioners demonstrate and discuss the application of diverse approaches in Yoga Therapy. This course (Yoga 643) focuses on the therapeutic applications of yoga therapy for mood regulation and stress management with an emphasis on tools and techniques that help clients manage stress and build resilience. Special emphasis will be given to specific mental health conditions including anxiety, depression, and PTSD.

Credits: 2**Prerequisite: YOGA 642****YOGA 644****MENTORED YOGA THERAPY STUDENT CLINIC I**

During this clinic practicum, students conduct Yoga Therapy sessions under the mentorship of clinic supervisors. Students will utilize the medical literature to gain a deeper understanding of their client's health. Principles learned in all previous and concurrent courses will be applied in the clinic practicum. Students will complete 45 hours of supervised clinic practice during this practicum.

Credits: 1.5**Prerequisite: YOGA6EX1****YOGA 645****MENTORED YOGA THERAPY STUDENT CLINIC II**

This course is a continuation of Yoga 644 Mentored Yoga Therapy Student Clinic I. Students will have the opportunity to work with clients individually in the Natural Care Center at Maryland University of Integrative Health, off-site

with partner institutions and in community settings.

Credits: 1.5**Prerequisite: YOGA 644****YOGA 646****MENTORED YOGA THERAPY STUDENT CLINIC III**

This course continues the work in YOGA 645 Mentored Yoga Therapy Student Clinic II

Credits: 2**Prerequisite: YOGA 645****YOGA649****CLINICAL CASE REPORTING IN YOGA THERAPY**

In this course students will learn to document the care of individual clients in alignment with standardized case reporting guidelines. Students will be introduced to the rationale for medical case reports and learn to use the guidelines for enhancing the quality and transparency of case reports. Students will present their own case reports and participate in the inquiry and analysis of fellow students' cases. Discussion will follow on the analysis of clinical decision making and the application of critical thinking.

Credits: 2**Prerequisite: YOGA 645****YOGA6EX1****COMPREHENSIVE FIRST YEAR EXAMINATION**

The final exam that covers all material in year 1.

Credits: 0**Prerequisite: ISCI 651 and YOGA 612 and YOGA 615**

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