

Course Descriptions

Doctorate of Acupuncture and Chinese Medicine (DACM) Program

ACUPUNCTURE & CHINESE MEDICINE

CM750 Advanced Orthopedics 1 [1cr/15hrs] Doctoral interns will learn to use biomedical orthopedic and neurological assessments for common issues and the associated pain mechanisms. Interns will review and practice Chinese diagnostic method of palpation, observation, and questioning. Interns will also combine biomedical orthopedic and neurological tests with Chinese medicine diagnostics to develop effective treatment plans. Students will also learn to foster relationships with physicians through referrals and communication regarding patient condition and progress. This course addresses the neck, shoulder, upper back, elbow and wrist complaints. **Prerequisites:** CM707 or 1 credit of CM Orthopedic Basics Course

CM751 Neurology [1cr/15hrs] Doctoral students will learn to analyze neurologic conditions of cerebrovascular accidents (CVAs) and Multiple Sclerosis and seizure disorders using both the western medical paradigm and Chinese medicine concepts. Students will learn acupuncture and herbal medicine formulas to treat specific neurological disorders. They will also explore cutting edge neurobiological research and reflect on the impact of this on neurological condition treatment. **Prerequisites:** CM606, CM608

CM753 Advanced Endocrinology [1cr/15hrs] Doctoral students will learn to describe the typical functioning of the highly complex endocrine system and its related organs. They will analyze endocrine conditions, such as diabetes and abnormalities of thyroid, adrenal, and reproductive system functioning, from the Chinese medical paradigm. Students will develop diagnoses and create integrated treatment plans for endocrine disorders based on Chinese medicine diagnostics and results from biomedical laboratory tests. Doctoral students will determine which channel systems best treat syndromes of the endocrine systems. In addition, they will create a plan to promote wellness focused on endocrine function. **Prerequisites:** CM606, CM608

CM754 Cardiology [1cr/15hrs] The World Health Organization estimates that cardiac disorders take the lives of over 17.7 million people worldwide each year and constitute 31% of global deaths. Doctoral students will learn to analyze cardiac disorders, using both the western medical paradigm and Chinese medicine concepts and energetics. Students will learn acupuncture and herbal medicine formulas to treat specific cardiac disorders. They will also explore cutting edge cardiac research and reflect on the impact of this on cardiac treatment. **Prerequisites:** CM606, CM608

CM850 Advanced Orthopedics 2 [1cr/15hrs] Doctoral interns will use biomedical orthopedic and neurological assessments for common musculoskeletal concerns and their associated pain mechanisms. Interns will review and practice Chinese diagnostic methods of palpation, observation, and questioning. Interns will also combine biomedical, orthopedic and neurological tests with Chinese medicine diagnostics to develop effective treatment plans. This course addresses the spine, low back, hip, leg, knee, ankle, and foot complaints. Students will also learn to foster relationships with physicians through referrals and communication regarding patient condition and progress. **Prerequisites:** CM707 or 1 credit of CM Orthopedic Basics Course

CM851 Obstetrics [1cr/15hrs] Chinese medicine is used widely to support expectant mothers during pregnancy, childbirth and the postpartum period. Students will explore safe, effective approaches to address common complaints of pregnancy and enhance recovery from childbirth. This will include

acupuncture, dietary therapy, and herbal formulas for support throughout pregnancy. **Prerequisites:** CM606, CM608, CM805, or Equivalent Course

BIOMEDICINE

WM750 Research and Evaluation 1 [1cr/15hrs] This is the first course in a two-course sequence. Doctoral-level interns will read and review Chinese medicine research presented in peer-reviewed journals. Students will learn to discuss the basics of research and evaluation as it relates to Chinese medicine. This will include learning how to apply descriptive statistics to a data set, as well as determining the appropriateness of common inferential statistical tests often used in research. Students will analyze Chinese medicine articles and analyze whether they have clinical significance for their practice. **Prerequisite:** WM703 or Equivalent Course

WM850 Lab Analysis [1.5cr/22.5hrs] Doctoral students will evaluate biomedical laboratory results including complete blood counts (CBC) and comprehensive metabolic panels (CMP) from a Chinese medicine perspective. Students will also assess these labs and diagnostic studies from a western perspective. Chinese medicine diagnoses and treatment plans which reflect that understanding will be communicated to both patients and biomedical professionals. **Prerequisite:** WM705 or Equivalent Course

WM851 Pharmaceutical Analysis [1cr/15hrs] To effectively work in an integrated care model, an understanding of pharmaceuticals from a western perspective is essential. Students will extend the knowledge gained from WM631 Metabolism of Pharmaceuticals and evaluate pharmaceuticals and their modes of action from a Chinese medicine perspective. By examining the western roots of the pharmaceutical actions, students will be able to communicate the pharmaceutical actions using a Chinese medicine perspective and terminology. **Prerequisite:** WM631 or Equivalent Course

WM852 Research and Evaluation 2 [1cr/15hrs] This is the second course in a two-course sequence. Students will learn how to structure and conduct a Quality Improvement (QI) study that can lead to an upgrade of their current practice. Students will select a logistical or clinical area in their practice they think needs improvement. They will then use the Plan Do Check Act (PDCA) cycle as their QI method. The QI Plan to be submitted for this course is a compilation of the plan components that students have systematically developed and revised throughout the course. **Prerequisite:** WM750

COMPLEMENTARY STUDIES

CS750 Collaborative Communication Models [1cr/15hrs] Students will learn how to communicate with patients and fellow practitioners across healing disciplines to promote optimal patient health. It is critical that health care practitioners can listen and communicate in a clear manner that promotes trust and compassionate sharing of information. Students will explore personality and communication styles in order to determine how to optimize communication with patients and practitioners whose styles and cultures are different from their own. The skill of active listening is essential to all collaborative communication. Student will learn active listening and practice this invaluable skill. Students will also learn how to communicate with biomedicine colleagues orally and in writing using clear and comprehensible language.

CS850 Practice of Systems-Based Medicine [1cr/15hrs] Doctoral students explore the structure of the conventional U.S. health care system and the information infrastructure that facilitates its functioning. Students also examine current health care payment systems (insurers) that are part of the overall

structure. In addition, students focus on governmental agencies, professional organizations, and other health care system influencers (FDA, CDC, WHO, AMA, lobbyists) and learn their impact. Combining knowledge of Chinese medicine and the conventional U.S. healthcare system is a gateway to successful practice. **Prerequisites:** *IN75, IN753, IN856, or IN857 (Any one of the Collaborative Care Internships)*

CLINICAL TRAINING

IN750 Clinical Presentations: Exploring Health Trends 1 [0.2cr/6hrs] Students observe senior faculty in the care of patients presenting with a variety of conditions commonly seen in today's acupuncture clinic. Students gain unique insight into clinical practice through complex acupuncture and herbal medicine case observation, discussion, and analysis. **Co/Prerequisites:** *IN701, IN702, IN801, or IN802 (Any one of the Clinic Internships)*

IN751 Clinical Presentations: Exploring Health Trends 2 [0.2cr/6hrs] Students observe senior faculty in the care of patients presenting with a variety of conditions commonly seen in today's acupuncture clinic. Students gain unique insight into clinical practice through complex acupuncture and herbal medicine case observation, discussion, and analysis. **Co/Prerequisite:** *IN701, IN702, IN801, or IN802 (Any one of the Clinic Internships)*

IN752 Collaborative Care Internship 1 [0.33cr/10hrs] This is the first of four Collaborative Care internships. Interns observe patient consultations by a licensed acupuncturist and allopathic physician at an in-patient care facility that serves post-hospitalization and post-surgical patients. Patient care will be discussed by both the western medicine faculty member and the Licensed Acupuncturist. Interns review findings from both Chinese and western diagnostic procedures in order to evaluate how well the integrated care plan addresses the patients' health needs. Interns observe eastern and western practitioners create, collaborate, design and administer integrative care plans for the patient. Discussions focus on the roles of all members of an integrated health care team and how well the integrated model is working to support patient care. **Co/Prerequisite:** *IN701*

IN753 Collaborative Care Internship 2 [0.53cr/16hrs] This is the second of four Collaborative Care internships. Students observe patient consultations by a licensed acupuncturist and a biomedicine practitioner at an in-patient care facility that serves post-hospitalization and post-surgical patients. Patient care will be discussed by both the western medicine faculty member and the licensed acupuncturist. Students will review findings from both Chinese and western diagnostic procedures in order to evaluate how well the integrated care plan addresses the patients' health needs. Interns will observe eastern and western practitioners create, collaborate and design integrative care plans for the patient. In this internship, students question patients and administer treatments as agreed upon by the collaborative care team. Discussions focus on the roles of all members of an integrated health care team and how well the integrated model is working to support patient care. Emphasis is placed on patient follow up care and methods to address how they can best access services that lead to improved life and health circumstances. **Co/Prerequisite:** *IN701*

IN850 Clinical Presentations: Exploring Health Trends 3 [0.2cr/6hrs] Students observe senior faculty in the care of patients presenting with a variety of conditions commonly seen in today's acupuncture clinic. Students gain unique insight into clinical practice through complex acupuncture and herbal medicine case observation, discussion, and analysis. **Co/Prerequisite:** *IN801 or IN802 (Any one of these two Clinic Internships)*

IN851 Advanced Clinical Internship 1 [0.77cr/23hrs] This is the first of two Advanced Clinical internships. Interns will do research on a specialized treatment area. Interns will create, design, and administer Chinese medical care for patients. Specialized areas that could be included are Oncology, Orthopedics, Hospice and Palliative Care, Obstetrics, and Addiction. **Prerequisite:** IN702

IN853 Clinical Presentations: Exploring Health Trends 4 [0.2cr/6hrs] Students observe senior faculty in the care of patients presenting with a variety of conditions commonly seen in today's acupuncture clinic. Students gain unique insight into clinical practice through complex acupuncture and herbal medicine case observation, discussion, and analysis. **Co/Prerequisite:** IN801 or IN802 (Any one of these two Clinic Internships)

IN854 Advanced Clinical Internship 2 [0.77cr/23hrs] This is the second of two Advanced Clinical Internships. Interns will do research on the specialized area in which they are working. Interns will create, design, and administer Chinese medical care for patients. Specialized areas that could be included are Oncology, Orthopedics, Hospice and Palliative Care, Obstetrics, and Addiction. **Prerequisite:** IN851

IN856 Collaborative Care Internship 3 [0.6cr/18hrs] This is the third of four Collaborative Care internships. Interns observe patient consultations by a Licensed Acupuncturist and Physician at an in-patient care facility that serves post-hospitalization and post-surgical patients. Patient care will be discussed by both the Physician and the Licensed Acupuncturist. Interns review findings from both Chinese and Western diagnostic procedures in order to evaluate how well the integrated care plan addresses the patients' health needs. Interns observe eastern and western practitioners create, collaborate and design integrative care plans for the patient. **Prerequisite:** IN752, IN753

IN857 Collaborative Care Internship 4 [0.53cr/16hrs] This is the final of four Collaborative Care internships. Students observe patient consultations by a licensed acupuncturist and a biomedicine practitioner at an in-patient care facility that serves post-hospitalization and post-surgical patients. Patient care will be discussed by both the western medicine faculty member and the licensed acupuncturist. Students will review findings from both Chinese and western diagnostic procedures in order to evaluate how well the integrated care plan addresses the patients' health needs. Students will observe eastern and western practitioners create, collaborate and design integrative care plans for the patient. In this internship, students question patients and administer treatments as agreed upon by the collaborative care team. Discussions focus on the roles of all members of an integrated health care team and how well the integrated model is working to support patient care. Emphasis is placed on patient follow up care and methods to address how they can best access services that lead to improved life and health circumstances. **Prerequisites:** IN752, IN753