

COURSE OFFERINGS

ACUPUNCTURE & CHINESE MEDICINE THEORY

CM020 History of Chinese Medicine & Qi Gong

1cr/15hrs

The development of Chinese Medicine through the dynasties is taught within a cultural context including an overview of present day practice in the U.S. and throughout the world. The development of the primary schools of thought and practitioners who were responsible for major contributions, including the Four Great Masters and Sun Si Miao are discussed. This course also introduces concepts such as meridians, energy flow, yin, yang, and qi gong. The understanding of what it means to be a healer in Chinese Medicine and the cultivation of one's self in these regards is explored in this introductory class. Students are introduced to Tai Yu Shen Gong, a style of Qi Gong from the Jade Purity sect of Daoism, which comes from Hua Shan Mountain.

CM040 Su Wen

1cr/15hrs

The Su Wen is a foundational text of Chinese Medicine and offers the student an understanding of the roots of the medicine. This course introduces the concepts of disease and diagnosis, with extensive focus on environmental, climatological, and behavioral factors as causes in the emergence of disease. Students learn pathogenesis, diagnostics, and treatment of disease as delineated in this classical text.

CM050 Luo Vessels

1cr/15hrs

Luo vessels are part of the Secondary Vessels that are rarely taught in acupuncture schools in the U.S. The lo vessels are discussed in the Ling Shu and are integral to understanding Chinese Medicine from a classical perspective. This course introduces the concept of the lo vessels as the main channels for conducting xue/blood and ying/nutritive qi. In classical Chinese Medicine, lo vessels, long known to treat heat, irritability, and the emotions, are also related to the Western concepts of the nervous system and neuroendocrinology. The trajectories of both the longitudinal and transverse lo are taught. Clinical applications using the lo vessels focus on cardiovascular, gastrointestinal, and psycho-emotional conditions.

CM060 Curious Organs

1cr/15hrs

This course introduces the six curious organs: the brain, blood vessels, bones, marrow, uterus, and gallbladder. This course outlines the theoretical and historical significance of these organs. The primary meridian of the gallbladder is a bridge from the primary meridians to the curious organs. The longitudinal lo vessels also impact on the curious organs via the blood vessels. Divergent meridians begin at the major articulations, and therefore, connect to the curious organs via the bone. The relationship between these curious organs and the collaterals is presented, along with treatment strategies for curious organ pathologies.

CM070 Divergent Meridians

1cr/15hrs

This course introduces the clinical application of the divergent meridians for the treatment of chronic degenerative diseases. These meridians link Wei Qi to Yuan Qi, thus enabling the practitioner to utilize the divergent meridians for a wide range of conditions. The use of this meridian system for treating autoimmune illnesses is taught. Students deepen their understanding of the trajectories and functions of the divergent meridians in order to address health conditions which reflect issues at both the wei and yuan levels.

CM080 Nan Jing

1cr/15hrs

This course introduces the theories of the Nan Jing, one of the major foundational texts in Oriental Medicine. Attributed to Bian Que, the Nan Jing has been pivotal in the development of Japanese acupuncture techniques and remains one of the leading texts on theories pertaining to the five elements.

CM090 Ling Shu

1cr/15hrs

This course introduces the Ling Shu, which is a foundational text of acupuncture. Modern interpretation of this classic text helps deepen students' understanding of the roots of Chinese Medicine. Students are taught the significance of the meridian system and their interactions with wei-ying-yuan qi dynamics, as well as needling techniques based on the Ling Shu. In addition to learning pathogenesis, and treatment strategies for the diseases mentioned in this text, students are introduced to the spiritual aspect interpreted from the Daoist tradition as it relates to the "Spiritual Axis". The text is not about treating the disease, but rather the soul, as the spirit is the root of all disease. Students realize that acupuncture is intended to return a client back to their spirituality and each needle is a directional compass/axis toward self-actualization.

CM100 Sinew Meridians

1cr/15hrs

This course is an introduction to the sinew meridians. Sinew meridians are important channels for conducting wei/defensive qi at the surface terrain to affect the skin, sinews, nerves, sensory organs, and the lungs. The sinew meridians are often associated with ashi/sensitive and trigger points that manifest through the six zones of Tai Yang, Shao Yang, Yang Ming, Tai Yin, Shao Yin, and Jue Yin. Sinew meridians are based on the premise that if the exterior is strong, external pathogens cannot invade and internal etiologies are given the opportunity to be released to the outside. This introduction provides students with the ability to access a system rarely used in TCM.

CM101 Chinese Medicine Theory

3cr/45hrs

This introduction to Chinese Medicine theory provides students with the basic groundwork for their course of study. This course provides much of the theoretical framework of Chinese Medicine. The basic concepts of Chinese Medicine including yin/yang, five elements, eight principles, diagnosis, curious organs, qi, blood, fluids, and essence are discussed. The five zang and six fu organs are taught from the perspective of both pathology and physiology. Basic strategies of acupuncture treatment including tonification and sedation are introduced.

CM102 Meridian Overview

3cr/45hrs

This course gives an overview of the meridian systems. The pathways of the Twelve Primary Meridians, Eight Extra Meridians, Sinew Meridians, Luo Meridians, and the Divergent Meridians are taught. Students also learn the classical language of acupuncture and to differentiate between the five meridian systems. By understanding wei qi, ying qi, and yuan qi, students will begin to gain their first understanding of the vast depth of Classical Chinese medicine.

- CM103 Tui Na** **2cr/30hrs**
 This course covers the history, theory, technique, and application of Chinese massage. Students utilize the Sinew Meridian pathways to learn the seventeen Tui Na techniques and strengthen their skills through practical applications. This course includes specific treatment protocols used to treat common musculoskeletal conditions.
- CM107 Point Energetics I** **3cr/45hrs**
Prerequisite CM102
 Part one of this two semester course introduces students to point energetics. Point functions, indications, and contraindications are taught. Points of the Du, Ren, Lung, Large Intestine, Stomach, Spleen, Heart, and Small Intestine are covered. Antique points, Influential points, Xi-Cleft points, Source points, Shu points, Window of the Sky points, Doorway to the Earth points, Root and Node points, and Forbidden points are also included. This course draws upon various sources from different schools of thought and well-known practitioners.
- CM108 Point Location I** **2cr/30hrs**
Co-requisite CM107
 This two semester course covers the location of the points of the 12 primary meridians and 40 extra points. This first semester includes the location of acupuncture points of the Ren, Du, Lung, Large Intestine, Stomach, Spleen, Heart, and Small Intestine meridians. This course covers needle methods, angle, and depth. Point contraindications are also addressed.
- Qi Gong I-VIII** **CM 112, 113, 214, 215, 307, 308, 409, 410** **.4cr/12hrs or .2cr/6hrs**
 These courses allow students to deepen their practice Tai Yu Shen Gong exercises. This facilitates the students' deepening into one form of Qi Gong in order to enhance their own cultivation. A total of 72 hours are completed throughout the course of the program.
- Cultivation Techniques I-VIII** **CM105, 111, 206, 213, 303, 306, 404, 408** **.2cr/6hrs**
 These classes continue throughout the entire course of study. Students study and practice a variety of techniques and methods for self-cultivation. These techniques are taught from the Daoist philosophical perspective and include Daoist practices that restore the balance of life by harmonizing emotions and the physical body with the rhythms of nature. Included in these classes is information concerning the history of particular techniques, demonstration, and practice. The techniques taught include Qi Gong, meditation, Dao Yin, calligraphy, the Six Healing Sounds, and Tai Yu Shen Gong. A total of 48 hours are completed throughout the course of the program. Some sections of this course require an additional materials fee.
- Cultivating the Spirit I-VIII** **CM114, 115, 216, 217, 309, 310, 411, 412** **.45cr/7hrs**
 These classes continue throughout the entire course of study. Students continue their exploration of cultivating the spirit of a healer. These classes are directed toward developing one's ability to meet the patient with a compassionate spirit. A total of 56 hours are completed throughout of the program.
- CM116 Treatment of Latent Heat** **1cr / 15hrs**
 This course will cover the theory and treatment of Latent Heat, including infectious and inflammatory conditions. The historical concept of Latent Heat from the Nei Jing and the concepts of Fu Qi (Hidden Qi) from Wen Bing tradition are also discussed.
- CM201 Differentiation of Syndromes** **3cr/45hrs**
Prerequisite CM101
 This course introduces students to syndrome differentiation, a method of understanding a diagnosis in the clinical practice of Chinese Medicine. Included in this course is differentiation according to Zang Fu theory, the Shang Han Lun tradition (Six Stages), Wen Bing (Four Levels) and San Jiao theory. Using analysis of clinical data, symptoms, and patient history, along with the Four Diagnostic Methods, the correct differentiation gives a correct diagnosis and the most effective treatment.
- CM202 Point Energetics II** **3cr/45hrs**
Prerequisites CM107, 108
 Part two of this two-semester course continues to explore point energetics and actions. Point groupings, functions, indications, contraindications, and cautions are discussed for each point. Meridian pathways and points covered in semester two include the Urinary Bladder, Kidney, Pericardium, San Jiao, Gall Bladder, and Liver. Extra points are also covered. Expanding on information from the Meridian Overview course, the pathways and points for the extraordinary channels, opening points, and master-couple relationships are also discussed. Needle depths and angles for points which deserve caution are also covered.
- CM203 Point Location II** **2cr/30hrs**
Co-requisite CM202
 Part two of this two-semester course covers the accurate location of the remainder of the points of the 12 primary meridians. This semester includes the location of acupuncture points on the Urinary Bladder, Kidney, Pericardium, San Jiao, Gall Bladder, and Liver. The course also includes extra points on the body.
- CM204 Chinese Medicine Diagnostics** **2cr/30hrs**
Prerequisite CM101, **Co-requisite** CM218
 This course covers the study of the four diagnostic methods of Chinese Medicine. Upon completion of this course, students are able to understand and apply the basic diagnostic techniques including observation, auscultation and olfaction (listening and smelling), inquiry (interrogation), and palpation, including pulse diagnosis.
- CM207 Treatment of Disease I** **3cr/45hrs**
Prerequisite CM201
 Part two of this two semester course introduces the etiology, pathogenesis, and treatment of disease. Students study Western diseases and their traditional Chinese Medicine etiologies. Diseases covered this semester include respiratory, urological, and dermatological disorders. Acupuncture and herbal treatment strategies are taught from the Zang Fu approach.

- CM208 Treatment of Disease II** **3cr/45hrs**
Prerequisite CM207
 Part two of this two semester course continues to explore the etiology, pathogenesis, and treatment of disease. Acupuncture and herbal treatment strategies are taught from the Zang Fu approach. Students study Western disease process and their corresponding Traditional Chinese Medicine etiologies. Diseases covered in this semester include emotional and psychological disorders, gynecological disorders, autoimmune disorders, endocrine disorders. This course includes treatment strategies for the most common clinical presentations.
- CM209 Five Element Treatment & Theory** **2cr/30hrs**
 This course is an introduction to Five Element theory. The relationship of the elements to physiology, pathology, diagnosis, and treatment is covered. This course also introduces students to various Five Element approaches, including the Worsley tradition, Japanese style, and Hara Diagnosis. Students practice needling techniques used in the Five Element Tradition.
- CM210 Clinical Case Management I** **2cr/30hrs**
Prerequisite CM207, **co-requisite** CM208
 This course trains students to interview and diagnose patients. Students observe and participate in the process of interviewing patients. Students gain experience in writing case histories, making a Chinese Medicine diagnosis, and developing a corresponding treatment plan. This course prepares students to treat patients in the clinical setting and includes information on HIPAA, OSHA, and Clean Needle Technique.
- CM211 Adjunct Techniques** **2cr / 30hrs**
 This course introduces various treatment techniques, including moxibustion, gua sha, cupping therapy, lancing, and plum blossom. Students learn the indications and contraindications of each technique and begin developing skills with hands-on practice. Students are also introduced to the rules and regulations of OSHA and HIPAA.
- CM212 Acupuncture Needling Techniques** **2cr / 30hrs**
 This course introduces a variety of needling techniques and their appropriate uses and contraindications. It also includes an introduction to Clean Needle Technique and safety issues regarding the student clinic. This class serves as preparation for treating patients in Clinical Internship.
- Clinical Case Review I – IV** **CM118, 222, 312, 414** **1cr/15hrs**
 This is a four semester course divided over the last two years of the program with a total of 60 hours. The course provides an opportunity for students to discuss student clinic patient cases for instructor and peer feedback. Students are required to prepare and present a case study each semester. One section of this course is completed with each section of Clinical Internship.
- CM223 Introduction to Pulse Diagnosis** **1cr / 15hrs**
 This course introduces basic pulse assessment techniques. Students are introduced to the 27 pulse qualities, their descriptions, and significance in patient health. Students learn to assess the width, length, and levels of the pulse and begin to build skills with hands-on practice.
- CM224 Advanced Chinese Medicine Concepts** **1cr / 15hrs**
 This course is a review of the channel systems and their treatment protocols. Systems discussed include the Luo Vessels, Divergent Meridians, Sinew Meridians, and the Eight Extra Channels. The course also includes a review of Worsley and Japanese Five Element techniques. The course also provides an opportunity for students to receive additional instruction on areas of special interest.
- CM301 Acupuncture Microsystems & Techniques** **2cr/30hrs**
Prerequisite CM218, 202, 203
 Advanced Acupuncture includes the microsystems of the scalp, ear, and electro-acupuncture techniques. Students learn the locations and indications of auricular points (Nogier, Chinese, NADA), scalp lines (Chinese and YNSA), and the methods and uses of electro-acupuncture. Students continue to develop needling techniques by practicing in these microsystems.
- CM304 Acupuncture Comprehensive Review** **3cr/45hrs**
Prerequisite CM202,203
 This class is designed to prepare students for the NCCAOM certification exam. The class reviews information from the previous semesters covering the four diagnostic techniques, point location, point energetics. Chinese Medicine theories and treatment of disease are also reviewed.
- CM311 Eight Extra Channels** **1cr/15hrs**
 The Eight Extra channels represent constitutional energetics. They are closely related to yuan qi, essence, and the San Jiao dissemination of yang qi. The eight extra channels are the delineation of one's destiny and the unfolding of life. They facilitate the transition from pre-natal to post-natal energies. These channels are a very powerful tool to tap into one's genetic code. This course introduces theory and clinical application of the eight extra channels. Meridian pathways and historical perspective are covered using classical texts as references. Included in this course are the basic treatment protocols for the eight extra channels.
- CM401 Orthopedics** **1cr/15hrs**
Co-requisite HM402
 This class covers treatment techniques as applied to muscular-skeletal conditions. Local, distal, and meridian approaches are covered with special emphasis on the treatment of Sinew Meridians. This course reviews and develops the students' palpation skills of anatomical structures, meridians, and distal points. This course is taught along with the herbal component, HM402 Orthopedic Herbal Medicine.
- CM402 Advanced Pulse Diagnosis** **1cr/15hrs**
Prerequisite CM204
 In ancient times, acupuncturists developed energetic approaches to pulse diagnostics in which they ascertained the status of wei qi, ying qi, and yuan qi, and assessed which meridian systems needed to be treated. This course is an extensive study of pulse diagnostics, drawing from traditional and classical Chinese Medicine.

CM405 Pediatrics 1cr/15hrs

Co-requisite HM404

This is a class in the fundamentals of Chinese Medicine diagnosis and acupuncture treatment of children. Students learn the Chinese Medicine approach to treating childhood infectious disorders. Common childhood disorders are covered. In addition, neurological and mental-emotional disorders, such as, ADHD, depression, phobias, and anxiety are also discussed. Massage, dietary approaches, and essential oils are discussed as treatment methods for children. This course is taught along with the herbal component, HM404 Pediatric Herbal Medicine.

CM406 Gynecology 2cr/30hrs

Co-requisite HM405

This course explores the treatment of obstetric and gynecological disorders with acupuncture and Chinese herbal medicine. The course begins with a discussion of women's physiology and pathology from a Chinese medicine perspective. Acupuncture treatment principles and contraindications are addressed. Topics include commonly seen menstrual disorders, pregnancy and pregnancy related complications, infertility, and menopausal complaints. This course is taught along with the herbal component, HM405 Gynecology Herbal Medicine.

CM413 Essential Oils 1cr/15hrs

This course introduces students to essential oils, their applications, energetics, and use in Chinese Medicine. The direct connection of the olfactory nerves into the brain allows essential oils to have an immense impact on healing. Students learn how to classify essential oils and how to select and apply oils to complement Chinese Medicine treatment plans. This course explores essential oils from the treatment framework of the primary meridians. Students learn how to utilize essential oils on the acupoints. Essential oils for addressing respiratory, gastrointestinal, and musculoskeletal conditions are covered.

CHINESE HERBAL MEDICINE

HM100 Introduction to Herbal Cultivation 1cr/15hrs

This course is designed to familiarize students with the basic principles of site analysis, soil preparation, and propagation, by seed and division, of medicinal plants. Students gain hands-on practice while helping to maintain the herbal garden on campus. Maintenance of plants and information on special requirements for plant care are covered. This class includes a visit to Mountain Gardens, a garden of Chinese medicinal plants.

HM101 Herbal Medicine I 4cr/60hrs

This two part course will introduce the history, theory and different traditions of Chinese herbal medicine. Herbs of the Chinese Materia Medica including the Chinese, Latin, pharmaceutical, and common names will be taught. The classifications and medicinal properties of the herbs including function, indications, thermo-energetic nature, taste, meridians affected and prescriptions examples will be taught. Potential herb-drug interactions will also be taught. Categories of herbs to be covered include: release the exterior, clear heat, transform phlegm, stop cough and wheeze, dispel wind-damp, extinguish wind/settle tremors, aromatics to open the orifices, and calm shen.

HM102 Herbal Medicine II 4cr/60hrs

Part two of this two semester course covers the second half of the Materia Medica. The course continues to introduce functions, indications, thermo-energetic nature, taste, meridians affected, and prescription examples. Potential drug-herb interactions will also be covered. Categories of herbs to be covered include: aromatics to transform damp, relieve food stagnation, expel parasites, drain dampness, regulate Qi, invigorate blood, stop bleeding, downward draining, topical application, stabilize and bind, and tonics.

HM201 Classical Prescriptions I 3cr/45hrs

Prerequisites HM101, 102

This is the first part of a two-semester course. This course introduces the most commonly used classical herbal formulas including their history, correct pattern discrimination, treatment strategies, and contraindications. Any drug-herb interactions or contraindications are also discussed. Students learn steps for composing and modifying herbal formulas in a clinical setting. Issues regarding patient compliance, toxicity, dosage are introduced.

HM202 Classical Prescriptions II 3cr/45hrs

This is the second part of this two semester course. This course continues to explore the most commonly used classical herbal formulas. Any drug-herb interactions or contraindications will be discussed. Students learn steps for composing and modifying herbal formulas in a clinical setting. Issues regarding patient compliance, toxicity, dosage are introduced.

HM203 Botany 2cr/30hrs

This class examines the medicinal use of plants from a variety of perspectives including: a cultural and historical survey of herbalism, contemporary western herbalism, and a current scientific understanding of phytochemicals. Basic plant anatomy is taught in conjunction with principles of plant identification and classification. Major medicinal plant families are introduced, with discussion of the identification, ecology, cultivation, harvest, preparation, and uses of important native and oriental species. Issues of plant conservation, agricultural practices, and sustainability are addressed.

HM301 Herbal Preparations 3cr/45hrs

Students are instructed on how to formulate and prepare different types of herbal medications. Students learn how to tincture herbs and how to make salves, ointments, liniments, plasters, honey pills, powders, and poultices, eye drops, and suppositories. It covers the proper dosage, indications, functions, contraindications, and cautions associated with each type of preparation. This is a hands-on course and each student develops the knowledge and skills necessary to create herbal medicines from the raw herbal materials. There is a \$30.00 materials fee for this course.

HM302 Chinese Medicine Food Therapy **2cr/30hrs**
This course introduces food as a treatment modality for addressing health issues from a Chinese Medicine perspective. Food therapy is a powerful modality on its own or as an adjunct therapy. This course teaches students the energetic and medicinal properties of foods and how to develop therapeutic diets for patients based on their particular imbalances. There is a \$15.00 materials fee for this course.

HM303 Patent Medicines **1cr/15hrs**
Prerequisites HM201, 202
This course introduces students to the use of "over the counter" herbal preparations. A wide variety of standardized herbal medications in different forms, including tinctures, pills, and powders are discussed. Students learn the actions, indications, dosages, and contraindications of patent medicines.

HM401 Herbal Comprehensive Review **3cr/45hrs**
Prerequisites HM101, 102, 201, 202
This course reinforces and strengthens the students' knowledge of Chinese herbal medicine and is a preparatory class for the NCCAOM certification exam. The class reviews information from the previous semesters and allows the student to synthesize and incorporate the knowledge needed in order to utilize herbal medicine in the clinical setting.

HM402 Orthopedic Herbal Medicine **1cr/15hrs**
Co-requisite CM401
This course is an adjunct to the Orthopedics course. This course covers herbal strategies for the treatment of muscular-skeletal conditions, such as Bi Syndrome, Wei Syndrome, sprains, and contusions. It covers both the internal use of herbs and the external application of liniments and plasters. This course is taught along with the acupuncture component, CM401 Orthopedics.

HM403 Advanced Herbal Study **2cr/30hrs**
Prerequisite HM101, 102, 201, 202
This course introduces students to the spiritual aspects of herbal medicine. Students work independently using classical schools of herbology to address the major health concerns of modern day patients. The Shang Han Lun, Wen Bing, Four Great Masters, Sun Si Miao, and Wang Qing Ren and the herbal schools/traditions are discussed in this course.

HM404 Pediatric Herbal Medicine **1cr/15hrs**
Co-requisite CM405
This course is an adjunct to the Pediatrics course. It covers herbal strategies for the treatment of various pediatric conditions, including digestive disturbances, infectious diseases, autism, and ADHD. It also discusses administration and dosaging for infants and children. This course is taught along with the acupuncture component, CM405 Pediatrics.

HM405 Gynecological Herbal Medicine **1cr/15hrs**
Co-requisite CM406
This course is an adjunct to the Gynecology course. This course covers herbal strategies for the treatment of gynecological conditions. Topics include commonly seen menstrual disorders, pregnancy and pregnancy related complications, infertility, and menopausal complaints. This course is taught along with the acupuncture component, CM406 Gynecology.

WESTERN MEDICINE

WM101 Anatomy & Physiology I w/ Medical Terminology **4cr/60hrs**
Anatomy and Physiology I is an introduction to the structures and functions of the human body, including homeostasis, organizational levels, basic metabolism, cells, tissues, with concentration on the skeletal and muscular systems. Proper medical terminology is discussed including prefixes and suffixes. This course also includes topographic anatomy in order to facilitate the students' ability to locate acupuncture points.

WM102 Anatomy & Physiology II **4cr/60hrs**
This course is a continuation of Anatomy and Physiology I. It includes the nervous system, endocrine system, urinary system, immune system, and reproductive system. Other topics include pregnancy, growth and development, genetics, fluids, and electrolytes.

WM201 Physical Examination I **3cr/45hrs**
This course is an introduction to Allopathic physical examination techniques. The course covers the use of the stethoscope, blood pressure cuff, otoscope, and ophthalmoscope. Students learn and practice physical examination techniques and how to question a patient regarding their biomedical history. Methods of palpation and basic neurological tests are also covered.

WM 203 Orthopedic Neurological Testing **.5cr/7.5hrs**
This is a one-day intensive course designed to give students a review of orthopedic and neurological testing. Students practice range of motion assessment of the major joints and spine. Interpretation of findings of range of motion analysis are included.

WM204 Pathology & Pharmacology I **3cr/45hrs**
Prerequisite WM101, 102
This three part course introduces students to Western pathology and pharmacology principles and terminology. Students are introduced to disease pathogenesis and general classes of pharmaceuticals. The interaction of pharmaceuticals and herbal medicines is addressed. Students are taught to recognize the signs and symptoms that would necessitate a referral to a Western health care provider. In part one of this course, the cardiac, circulatory, and respiratory systems are covered.

WM205 Medical Research **.5cr / 7.5hrs**
This course is designed to assist students in the objective evaluation of clinical trials and research using journal articles related to Western Medicine. Students will be oriented to the Mountain Area Health Education Center (MAHEC) health science library.

WM301 Lab Evaluation I **1cr/15hrs**
Part one of this two semester course is designed to give students an understanding of basic Western lab work results. The first part of this course covers the most commonly used laboratory tests related to hematological, renal, and endocrine conditions. Students learn how to read and interpret this lab data.

WM302 Clinical Aspects of Western Medicine **2cr/30hrs**
This course introduces the student to various specialties of Western Medicine practice. Each week a doctor from a different specialty in Western Medicine introduces students to their particular specialty. Instructors share interesting case studies and inform students about their parameters for Western referrals.

WM306 Pathology & Pharmacology II **3cr/45hrs**
This is part two of a three semester course. Students are introduced to disease pathogenesis and general classes of pharmaceuticals. The interaction of pharmaceuticals and herbal medicines is addressed. This course covers gastrointestinal, neurological, hematological, and renal systems.

WM307 Pathology & Pharmacology III **3cr/45hrs**
Part three of this three semester course includes infectious diseases, rheumatology, dermatology, gynecology and urogenital, and orthopedic conditions. Students are introduced to disease pathogenesis and general classes of pharmaceuticals. The action and interaction of pharmaceuticals and herbal medicines will be addressed.

WM401 Lab Evaluation II **1cr/15hrs**
Part two of this two semester course is designed to give students an understanding of basic Western lab work results. It covers the most commonly used laboratory tests relating to cardiovascular, respiratory, neurological, gastrointestinal, and musculoskeletal conditions, as well as vitamin and trace element analysis. Students learn how to read and interpret the lab data.

WM402 Western Nutrition **2cr/30hrs**
This course introduces nutrition from a Western perspective with an emphasis on the digestive system and its relationship to macronutrients, micronutrients, vitamins, and minerals. The disorders associated with nutritional deficiencies and how those deficiencies can affect the body are addressed. This course also includes western supplements and their potential interactions.

WM403 Bio Medical Comprehensive Review **2cr/30hrs**
This course reviews the Western Medicine information learning throughout the program including tools for assessing patient conditions such as intake and physical examination, and test/lab results. Pathology and pharmacology will also be discussed.

WM404 Orthopedic Essentials **3cr/45hrs**
This orthopedics course will be an in-depth analysis of injuries and diseases from an allopathic perspective. A large percentage of patients seek acupuncture for treatment of orthopedic conditions. This class helps the acupuncturist to communicate effectively with patients and Western physicians regarding orthopedic conditions. Some of the conditions covered include carpal tunnel syndrome, fibromyalgia, gout, osteoarthritis, rheumatoid arthritis, tendonitis, bursitis, plantar fasciitis, and nerve entrapments.

WM405 Psychiatry: Pathology & Pharmacology **2cr/30hrs**
This course teaches abnormal psychology and their associated behaviors and basic psychopharmacology for these diagnoses. Students are also taught interviewing skills in order enable them to make proper referrals for patients presenting with psychiatric problems.

COMPLEMENTARY

E301 Psychology & Medical Ethics I **2cr/30hrs**
This two-part course explores human behavior with special emphasis on learning, memory, thinking, emotional life and individual differences in intelligence, aptitude and personality. Medical law and ethics are examined with an emphasis on guidelines and requirements for health care providers. The rights and responsibilities of health care providers, both professionally and ethically, are included.

E401 Psychology & Medical Ethics II **2cr/30hrs**
Prerequisite E301
This course continues the studies introduced in Psychology I. Students learn basic questioning techniques allowing them to have better communication with patients regarding their mental and emotional well being. Students also continue the exploration of ethics, particularly patient-practitioner boundaries and how to set proper boundaries within the practice of Chinese medicine.

E402 Practice Management **2cr/30hrs**
This course prepares students to enter the health care profession. Basic business management skills are discussed, including business planning, insurance billing, advertising, and malpractice and liability insurance. The course addresses patient confidentiality and consent issues. Students learn how to operate a clinic adhering to OSHA and HIPAA guidelines. Professional organizations for Chinese Medicine practitioners are discussed.

CLINICAL OBSERVATION

OB101 Herbal Dispensary I **.5cr/15hrs**
Herbal Dispensary I allows students to familiarize themselves with the individual herbs by direct study with the botanicals in the raw form. Each student prepares a personal Herbal Sample Guide. There is a \$60.00 materials fee for this course.

OB103 Herbal Dispensary II **.5cr/15hrs**
Herbal Dispensary II allows students to familiarize themselves with the individual herbs by direct study with the botanicals in the raw form. Students spend time in the herbal dispensary preparing herbal formulations. They work with patent medicines, bulk herbs, granules, tinctures, and essential oils.

OB102 Clinical Observation I **1cr/30hrs**
This is semester one of a four semester training. Students are observing senior student interns and Licensed Acupuncturists in the treatment of patients. In Clinical Observation I, the student becomes comfortable in the clinical setting. Students closely observe the interaction between patient and practitioner.

OB104 Clinical Observation II **1cr/30hrs**
Students become comfortable in the clinical setting by observing senior students and Licensed Acupuncturists in the treatment and care of patients. In Clinical Observation II, students begin to practice the first diagnostic skill of observation by observing and drawing the patient's tongue. Students also observe the complexion, demeanor, and spirit of the patient. Students begin to take pulses focusing on the strength, rate, and depth.

OB201 Clinical Observation III **1cr/30hrs**
Students continue to become comfortable in the clinical setting by observing senior student interns and Licensed Acupuncturists. Students continue to closely observe patients complexion, demeanor and spirit. They observe, describe, and draw the patient's tongue. They describe and chart the patients' pulses with an emphasis on strength, rate, location, depth, and quality.

OB202 Clinical Observation IV **1cr/30hrs**
Students become comfortable in the clinical setting by observing and assisting Licensed Acupuncturists in the treatment and care of patients. This course is conducted in a rounds format and provides students the opportunity to assist and become familiar with all aspects of Oriental Medicine. Students assist in the application of Moxibustion, Cupping and Tui Na under the supervision of the Clinical Supervisor. Students begin to assist in conducting the patient interview. Students are given the opportunity to begin the process of building practice management skills by recruiting patients this semester.

CLINICAL INTERNSHIP

Clinical Internship I-IV is a four semester course divided over the last two years of the program with a total of 750 hours. Clinical internship provides students the opportunity to integrate the theoretical and practical aspects of Chinese medicine into a clinical setting. Through carefully graduated levels of direction, students learn to effectively treat a wide variety of health complaints. They develop the skills necessary to function as independent Chinese medicine health care providers.

Prior to entering into Clinical Internship, students must complete the Clean Needle Technique course offered by the CCAOM and receive CPR & First Aid certification through the American Red Cross or American Heart Association. Students must maintain current CPR & First Aid certification throughout the Clinical Internship. Students must complete one section of Clinical Case Review with each section of Clinical Internship.

I301 Clinical Internship I **3cr/90hrs**
Prerequisites CM208, CM218/OB101, 102, 103,104, 201, 202
In the first semester of Clinical Internship, students are provided their first opportunity to treat patients in a clinical setting. They work in pairs under the supervision of experienced practitioners. They are guided in questioning and diagnosing patients and in developing and executing effective treatment plans. The focus is on the cultivation of basic proficiency in Chinese medical clinical and technical skills and procedures. These proficiencies include the ability to develop correct Chinese medicine diagnoses, effective treatment plans, acupuncture point prescriptions, and herbal formulas.

I302 Clinical Internship II **6cr/180hrs**
Prerequisite I301
In the second semester of Clinical Internship, students continue to work in pairs treating patients under clinical supervision. They continue to develop proficiency in clinical and technical skills with new emphasis on the ability to be more independent by developing correct Chinese medical diagnoses, acupuncture point prescription and herbal formulas and to safely execute treatment plans.

I401 Clinical Internship III **8cr/240hrs**
Prerequisite I302
In the third semester of Clinical Internship, students work alone in a supervised clinical setting. They continue to develop more independent clinical proficiency. The focus is on the maturation of practitioner skills and the utilization of adjunct therapeutic techniques. They use a wide variety of Chinese medical systems including TCM, five elements, and the 5 channel systems of classical Chinese medicine.

I402 Clinical Internship IV **8cr/240hrs**
Prerequisite I401
In the final semester of clinical internship, students work alone and in a supervised clinical setting. They demonstrate proficiency in Chinese medical clinical skills and procedures. The emphasis is on the student's ability to function as an independent health care provider. They formulate strategies which address the complexity of the client's health care needs by developing and executing both short and long term treatment plans.