

**Alhambra Medical University**

**Master of Science in Acupuncture and Oriental Medicine**

# **CURRICULUM**



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## Curriculum

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# Curriculum

Basic Sciences	40 Units	400 Hrs
Acupuncture & Oriental Medicine Principles, Theories, & Treatment		
Traditional Chinese Medicine	45 Units	450 Hrs
Acupuncture & Moxibustion	29 Units	290 Hrs
Herbology	45 Units	450 Hrs
Therapeutic Massage, Qi Gong, Tcm Exercise	10 Units	100 Hrs
Clinical Medicine, Patient Assessment & Diagnosis	32 Units	320 Hrs
Case Management	9 Units	90 Hrs
Practice Management	5 Units	50 Hrs
Public Health	3 Units	30 Hrs
Professional Development	4 Units	40 Hrs
Elective Class	9 Units	90 Hrs
Clinical Practice	48 Units	960 Hrs
Total Program	279 Units	3270 Hours

# Basic Sciences

Code	Course Title	Units	Hrs
BS101	Biology	3	30
BS102	Chemistry & Biochemistry	3	30
BS103	Physics	2	20
BS104	Psychology	3	30
BS106	Microbiology & Immunology	3	30
BS107	Nutrition & Vitamins	3	30
BS201	Anatomy & Physiology I & Lab	4	40
BS202	Anatomy & Physiology II & Lab	4	40
BS203	Anatomy & Physiology III & Lab	3	30
BS204	Anatomy & Physiology IV & Lab	3	30
BS311	Pathology I	3	30
BS312	Pathology II	3	30
BS313	Pathology III	3	30
Total		40 Units	400 Hrs

# Traditional Chinese Medicine

Code	Course Title	Units	Hrs
OM100	Medical History & Literature	3	30
OM101	Basic Theory of TCM I	3	30
OM102	Basic Theory of TCM II	3	30
OM201	TCM Diagnosis I	3	30
OM202	TCM Diagnosis II	3	30
OM203	TCM Diagnosis III	3	30
OM204	Clinical Consulting Skills	3	30
OM301	TCM Internal Medicine I	3	30
OM302	TCM Internal Medicine II	3	30
OM303	TCM Internal Medicine III	3	30
OM304	TCM Internal Medicine IV	3	30
OM401	TCM Dermatology	3	30
OM402	TCM Gynecology	3	30
OM403	TCM Orthopedics/ Traumatology	3	30
OM404	Integration of Asian/Western Medicine	3	30
Total		45 Units	450 Hrs

# Acupuncture & Moxibustion

Code	Course Title	Units	Hrs
AC100	Meridian Theory	3	30
AC101	Acupuncture Anatomy I	3	30
AC102	Acupuncture Anatomy II	3	30
AC201	Acupuncture Physiology I	3	30
AC202	Acupuncture Physiology II	3	30
AC301	Acupuncture Techniques I & Lab	4	40
AC302	Acupuncture Techniques II & Lab	4	40
AC401	Acupuncture Therapeutics I	3	30
AC402	Acupuncture Therapeutics II	3	30
Total		29 Units	290 Hrs

# Herbology

No.	Course Title	Units	Hrs
HB100	Introduction to Botany & Herbs	2	20
HB101	Chinese Herbology I	3	30
HB102	Chinese Herbology II	3	30
HB103	Chinese Herbology III	3	30
HB104	Chinese Herbology IV	3	30
HB201	Chinese Herbal Formula I	3	30
HB202	Chinese Herbal Formula II	3	30
HB203	Chinese Herbal Formula III	3	30
HB204	Chinese Herbal Formula IV	3	30
HB300	TCM Nutrition	3	30
HB301	Advanced Herbology	3	30
HB401	Advanced Formula: Shang Han Lun	3	30
HB402	Advanced Formula: Jin Kui Yao Lue	3	30
HB403	Advanced Formula: Wen Bing	3	30
HB410	Formula Writing	4	40
Total		45 Units	450 Hrs

# Therapeutic Massage, Qi Gong, TCM Exercise

Code	Course Title	Units	Hrs
TB101	Tai Ji Quan	2	20
TB102	Qi Gong	2	20
TB200	Tui Na	3	30
TB201	Asian Body Work	3	30
Total		10 Units	100 Hrs

# Clinical Medicine Patient Assessment & Diagnosis

Code	Course Title	Units	Hrs
WM100	Western Medical Terminology	3	30
WM301	Physical Examination	3	30
WM302	Laboratory & Imaging	3	30
WM303	Differential Diagnosis	3	30
WM304	Western Pharmacology	3	30
WM401	Western Clinic Science I	3	30

# Clinical Medicine

## Patient Assessment & Diagnosis

Code	Course Title	Units	Hrs
WM402	Western Clinic Science II	3	30
WM403	Western Clinic Science III	3	30
WM404	Western Clinic Science IV	3	30
WM405	Western Gynecology	3	30
WM500	Survey of Clinical Medicine	2	20
Total		32 Units	320 Hrs

## Case Management

Code	Course Title	Units	Hrs
CM301	Case Management I	3	30
CM302	Case Management II	3	30
CM303	Case Management III	3	30
Total		9 Units	90 Hrs

## Practice Management

Code	Course Title	Units	Hrs
MG401	Clinical Management	3	30
MG402	Medical Ethics	2	20
Total		5 Units	50 Hrs

## Public Health

Code	Course Title	Units	Hrs
PH101	Public Health	3	30
Total		3 Units	30 Hrs

## Professional Development

Code	Course Title	Units	Hrs
RM101	Research of AOM	3	30
RM102	Graduation Exam	1	10
Total		4 Units	40 Hrs

# Elective Class

Code	Course Title	Units	Hrs
EL100	Academic Seminar (Topic Varies)	3	30
EL101	Japanese Shiastu	3	30
EL102	Japanese Abdominal Diagnosis	3	30
EL103	Korean Four-Images	3	30
EL104	Yoga	3	30
EL105	Tibetan Medicine	3	30
EL106	Advanced Qi Gong	3	30
EL201	Yellow Emperor's Classic	3	30
EL202	Medical I Ching	3	30
EL203	Modern Research on Chinese Herbs	3	30
EL204	Various Schools of TCM	3	30
EL205	Medical Chinese (Mandarin)	3	30
EL206	Clinical English	3	30
EL207	Treatments for Parasite Diseases	3	30
EL208	Cancer & TCM	3	30
EL209	Auto-immune Diseases & TCM	3	30
EL210	Introduction to Homeopathy	3	30

<u>Code</u>	<u>Course Title</u>	<u>Units</u>	<u>Hrs</u>
EL301	Neuro-endocrinology	3	30
EL302	Integrative Pain Management	3	30
EL303	Clinical Rehabilitation	3	30
EL304	Advanced TCM Gynecology	3	30
EL305	TCM Pediatrics	3	30
EL306	TCM Cosmology	3	30
Total		9 Units	90 Hrs

# Clinical Practice

Code	Course Title	Units	Hrs
CL111-113	Clinic Level I		
CL111	Clinical Orientation & Preparation	2	40
CL112	Herbal Pharmacy	2	40
CL113	Clinic Observation	6	120
Total		10 Units	200 Hrs

Code	Course Title	Units	Hrs
CL211	Clinic Level II		
	Assisted/Supervised Practice	16	320
Total		16 Units	320 Hrs

Code	Course Title	Units	Hrs
CL311	Clinic Level III		
	Solo Practice with Supervisor's instruction	22	440
Total		22 Units	440 Hrs

Clinical Practice Total		48 Units	960 Hrs
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# COURSE DESCRIPTION

## Basic Sciences

40 Units | 400 Hours

3 | 30

### BS101 Biology

The course introduces the study of life systems, basic cellular biology, metabolism, evolution and diversity of life forms.

Prerequisite: None

3 | 30

### BS102 Chemistry & Biochemistry

The first half of the course covers the principles of inorganic chemistry and application to various facets of life with emphasis on chemical properties of elements. The second half of the course introduces organic chemistry along with structure and functions of carbohydrates, lipids, proteins and nucleic acids and their relationship to nutritional science as well as their clinical aspects as essential nutrients to preserve health.

Prerequisites: None

2 | 20

### BS103 Physics

Principles of classical and quantum physics will be presented. Topics include general mechanics, electromagnetism, optics, thermodynamics, relativity and various technical concepts.

Prerequisites: None

3 | 30

### BS104 Psychology

Course covers various psychopathological conditions, basic techniques of assessment and treatment methods focusing on application to healthcare setting, emphasizing the patient-practitioner relationship.

Prerequisites: None

**3 | 30**

**BS106 Microbiology & Immunology**

This course introduces communicable and infectious diseases including bacteria, fungi, virus and parasite, and explores some basic principles of human immunity against the microbes.

Prerequisite: None

**2 | 20**

**BS107 Nutrition & Vitamins**

This course explores the vital role that dietary adjustments and nutrition play in various diseases, and disorders. Topics will focus on the essential elements of nutritional physiology, the roles of vitamins and minerals in health maintenance and as therapeutic supplements, and the use of food as medicine.

Prerequisite: None

**4 | 40**

**BS201 Anatomy/Physiology I & Lab**

An overview of the structure of the human body, including histology, embryology, anatomy of bones, organs and muscles as well as their physiological functions.

Prerequisite: None

**4 | 40**

**BS202 Anatomy/Physiology II & Lab**

Regional study of human anatomy and physiology, including the cardiovascular system, respiratory, and digestive systems.

Prerequisite: None

Recommended: BS201

**3 | 30**

**BS203 Anatomy/Physiology III & Lab**

Study of anatomical structures and physiological functions of the sensory organs, circulatory systems, blood and lymph, genitourinary and reproductive systems.

Prerequisite: None

Recommended: BS201

**3 | 30**

**BS204 Anatomy/Physiology IV & Lab**

Overview of the anatomical structures and physiological functions of the human body, including the nervous system and endocrine system.

Prerequisite: None

Recommended: BS201

**3 | 30**

**BS311 Pathology I**

Introduction to the study of general pathology including cellular dynamics, inflammation and repair, environmental and genetic disorders, hemodynamic and hematological disorders, immunopathology and neoplasia.

Prerequisites: BS201-204

**3 | 30**

**BS312 Pathology II**

Continuation of BS311 with emphasis on systematic pathology including respiratory, digestive, cardiovascular and urinary and reproductive systems.

Prerequisite: BS201-204

Recommended: BS311

**3 | 30**

**BS313 Pathology III**

Continuation of BS312 with emphasis on systematic pathology; including endocrine, nervous, musculoskeletal, integumentary, hematopoietic and lymphatic systems, and disorders of the sensory organs.

Prerequisite: BS201-204

Recommended: BS311

## Traditional Chinese Medicine

45 Units | 450 Hours

3 | 30

### OM100 Medical History & Literature

Introductory course on the history and development of Eastern and Western medicine with reference to Traditional Chinese Literary classics as well as TCM medical terminology.

Prerequisite: None

Recommended: OM101

3 | 30

### OM101 Basic Theory of TCM I

Basic Principles and Theories of Traditional Chinese Medicine in relation to Yin-Yang concepts, Eight Principles, Etiology and function of Qi, Blood, Body Fluids and the Zang Fu Organs with reference to the Nei Jing and other classic texts.

Prerequisite: None

3 | 30

### OM102 Basic Theory of TCM II

The study of pathology according to Traditional Chinese Medicine including external (wind, cold, dampness, heat & dryness), internal factors (emotions) and miscellaneous factors that cause diseases. The general law of the pathological changes and the prevention and treatment of diseases are discussed.

Recommended: OM101

3 | 30

### OM201 TCM Diagnosis I

The Diagnosis of disease using the Eight Principles, Five elements and Four Methods of examination: Observation, Auscultation & Olfaction, Inquiry and Palpation. Tongue and Pulse differential diagnosis is emphasized

Prerequisite: OM101-102

**3 | 30**

**OM202 TCM Diagnosis II**

Differential diagnosis of the Internal Organs (Zang Fu) and diagnosis according to Qi, Blood, and body Fluids. Correlation between Western diagnosis and TCM syndromes are provided. Treatment plans involving acupuncture and herbs are also discussed.

Prerequisite: OM101-102

Recommended: OM201

**3 | 30**

**OM203 TCM Diagnosis III**

This is a composite diagnosis course designed to assist the student in developing the skills necessary to draw correlations between Western diagnosis and TCM syndromes. Treatment methods are formulated through the integration of TCM diagnostic philosophies including Channel & Collateral Theory, Conformations according to the Three Warmers, and Progression of Infections. Fever Diseases and Six Channel Differentiation.

Prerequisite: OM101-102

Recommended: OM201

**3 | 30**

**OM204 Clinical Consulting Skills**

It is a prerequisite course for the students of clinical internship level II. Further training of the skills of clinical communication with patients.

An integrative communication skill will be taught and practiced in the class.

Prerequisite: OM201-203

**3 | 30**

**OM301 TCM Internal Medicine I**

Traditional Chinese internal medicine covers the etiology, pathogenesis and treatment of diseases. Differential Diagnosis is made by analyzing the pathological changes of Zang-Fu, Qi, blood, bodily fluids, channels and collaterals.

Prerequisite: OM 201-203, 2 classes of HB101-104

**3 | 30**

**OM302 TCM Internal Medicine II**

Continuation of OM301;

Prerequisite: OM201-203, 2 classes of HB101-104

**3 | 30**

**OM303 TCM Internal Medicine III**

Continuation of OM302;

Prerequisite: OM201-203, 2 classes of HB101-104

**3 | 30**

**OM304 TCM Internal Medicine IV**

Continuation of OM303; Prerequisite: OM201-203

**3 | 30**

**OM401 TCM Dermatology**

Traditional Chinese medical perspectives on the etiology, pathology and diagnosis of a variety of skin disorders with therapeutic treatments focusing on acupuncture and herbal formulas.  
Prerequisite: OM201-203, 2 classes of HB101-104

**3 | 30**

**OM402 TCM Gynecology**

Study of the anatomy, physiology and pathologies of the diseases of women as well as their diagnosis and treatment according to Traditional Chinese Medicine.  
Prerequisite: OM201-203, 2 classes of HB101-104

**3 | 30**

**OM403 TCM Orthopedics/ Traumatology**

Examination and diagnosis of common musculo-skeletal trauma cases in terms of Traditional Chinese Medical treatments and Tui-Na. TCM approach to pain management will be introduced.  
Prerequisite: OM 201-203, 2 classes of HB101-104

**3 | 30**

**OM404 Integration of Eastern and Western Medicine**

Medical problems presented in a correlation case study format researched, analyzed, diagnosed and presented by students from the perspective of Traditional Chinese Medicine and Western Medicine.  
Prerequisite: OM201-203, 2 classes of HB101-104

## Acupuncture & Moxibustion

29 Units | 290 Hours

3 | 30

### AC100 Meridian Theory

Introduction to the basic theory of meridians, classification of acupuncture points and systems of nomenclature. Detailed presentation of the major meridians, distribution of channels, branches and collaterals, and the relationship with the internal organs.

Prerequisite: None

Recommended: OM101, BS201

Concurrent: AC101 or AC102

3 | 30

### AC101 Acupuncture Anatomy I

Study of the points located on the 14 meridians, including names and anatomical locations, 15 collateral points, 8 extra channels, and non-channel points.

Prerequisite: None

Recommended: BS201

3 | 30

### AC102 Acupuncture Anatomy II

Continuation of AC101

Prerequisite: None

Recommended: BS201

3 | 30

### AC201 Acupuncture Physiology I

The usage of regular and special acupuncture points (five shu, yuan primary source, xi cleft, lower he sea points) and their traditional functions in treatment.

Prerequisites/Concurrent: AC101

Recommended: AC100

3 | 30

### AC202 Acupuncture Physiology II

Continuation of AC201

Prerequisite/Concurrent: AC102

Recommended: AC100

**4 | 40**

**AC301 Acupuncture Techniques I & Lab**

The usage of regular and special acupuncture methods, including needling, moxibustion, cupping, accident prevention, contra indications. An acupuncture lab training is attached to raise students' needling skills.

Prerequisites: AC101-102

Recommended: CNT

**4 | 40**

**AC302 Acupuncture Techniques II & Lab**

Continuation of AC301, focusing on Ear and Scalp Acupuncture

Prerequisite: AC101-102

Recommended: CNT

**3 | 30**

**AC401 Acupuncture Therapeutics I**

Student will discuss medical cases and present with selection of points and point combinations to treat various diseases and conditions including obstetrics, gynecology and disease of the eyes, ears, nose and throat.

Prerequisite: AC201-202, OM201-203

**3 | 30**

**AC402 Acupuncture Therapeutics II**

Continuation of AC401

Prerequisite: AC201-202, OM201-203

# Herbology

**45 Units | 450 Hours**

**2 | 20**

## **HB100 Introduction to Botany & Herbs**

Students in this course will learn to identify Latin classifications of plants used in Western medicine as well as major plants used in Traditional Chinese Medicine with attention on botanical nomenclature. Emphasis is given to individual herbal properties such as flavor, entering meridians, function and medicinal uses.

Prerequisite: None; Recommended: OM101

**3 | 30**

## **HB101 Chinese Herbology I**

Introduction of the most commonly used medical substances in traditional Chinese Pharmacology. This course covers exterior releasing herbs, herbs that clear heat and relieve toxicity, and downward draining herbs.

Prerequisite: None

Recommended: HB100, OM101-102

**3 | 30**

## **HB102 Chinese Herbology II**

Introduction of the most commonly used medical substances in traditional Chinese pharmacology. This course discuss herbs that drain, transform and dispel wind & dampness, warm body's interior, expelling cold, regulate qi, and expel parasites.

Prerequisite: None

Recommended: HB100, OM101-102

**3 | 30**

## **HB103 Chinese Herbology III**

Introduction of the most commonly used medical substances in traditional Chinese Pharmacology. This class will cover herbs that regulate blood, transform phlegm and relieve coughing, calm the spirit, as well as aromatic herbs that open orifices.

Prerequisite: None

Recommended: HB100, OM101-102

**3 | 30**

**HB104 Chinese Herbology IV**

Introduction of the most commonly used medical substances in traditional Chinese Pharmacology.

This course presents herbs that tonify qi, yin and yang, and blood. Discussion on astringent, extinguishing wind, and external application herbs will be included.

Prerequisite: None

Recommended: HB100, OM101-102

**3 | 30**

**HB201 Chinese Herbal Formula I**

This is a comprehensive introduction to Chinese herbal formulas for various clinical applications.

This section will introduce formulas used for diaphoresis, purgation, harmonization, antipyretic, and summer heat clearing.

Prerequisite: OM201-203, 2 classes of HB101-104

**3 | 30**

**HB202 Chinese Herbal Formula II**

This is a comprehensive introduction to Chinese herbal formulas for various clinical applications.

This section will cover formulas used for warming, exterior releasing, tonifying, sedation, resuscitation and astringents.

Prerequisite: OM201-203, 2 classes of HB101-104

**3 | 30**

**HB203 Chinese Herbal Formula III**

This is a comprehensive introduction to Chinese herbal formulas for various clinical applications.

This class will present formulas with carminative, blood-regulating, anticonvulsant and moisturizing characteristics.

Prerequisite: OM201-203, 2 classes of HB101-104

**3 | 30**

**HB204 Chinese Herbal Formula IV**

This is a comprehensive introduction to Chinese herbal formulas for various clinical applications. This course offers an in-depth analysis of the formulas that are diuretic, phlegm-expelling, resolving, anti-parasitic and anti-abscess characteristics.

Prerequisite: OM201-203, 2 classes of HB101-104

**3 | 30**

**HB300 TCM Nutrition**

Practical aspect of using food to correct medical conditions according to theories of Traditional Chinese Medicine

Prerequisite: OM201-203

**3 | 30**

**HB301 Advanced Herbology**

Herb identification of all herbs learned from total four Chinese herbology classes. Clinical specific applications of herbs not learned from the text books.

Prerequisite: HB100-104

Recommended: OM201-203

**3 | 30**

**HB401 Advanced Formula: Shang Han Lun**

Differential diagnosis and treatment of cold diseases based on the principles of Six Channel Theory expounded in the TCM classics Shang Han Lun.

Prerequisite: OM201-203, HB201-204

**3 | 30**

**HB402 Advanced Formula: Jin Gui Yao Lue**

Differential diagnosis and treatment of miscellaneous diseases expounded in the TCM classics Jin Gui Yao Lue.

Prerequisite: OM201-203, HB201-204

**3 | 30**

**HB403 Advanced Formula: Wen Bing**

Differential diagnosis and treatment of febrile diseases based on the systems of the Four Level Theory and Three Jiao Theory expounded in the TCM classics Wen Bing Tiao Bian.

Prerequisite: OM201-203, HB201-204

**4 | 40**

**HB410 Formula Writing**

Practical learning of the construction of herbal formulas by selecting appropriate herbs and modifying dosages according to patient's constitutions.

Prerequisite: HB201-204, OM201-203

## Therapeutic Massage, Qi Gong, TCM Exercise

10 Units | 100 Hours

2 | 20

### TB101 Tai Ji Quan

Introduction to the Chinese system of movement and meditation, basic principles of Tai Ji and practice of breathing techniques. Students in this class will practice movements, flowing and centering techniques and exercises to maintain good health and longevity by promoting the flow of Qi. This is a Pass/No Pass class.

Prerequisite: None

2 | 20

### TB102 Qi Gong

Exercises combining breathing and postures, energy moving motion, meditation and breathing, relaxation and mind-regulating techniques to train and nourish energy. This is a Pass/No Pass class.

Prerequisite: None

3 | 30

### TB200 Tui Na

Chinese traditional massage to treat disease and traumatic injuries based on theories of Yin, Yang, Qi, Blood and internal organs. This is a Pass/No pass class.

Recommended: AC101-102, BS201

3 | 30

### TB201 Asian Body Work

It is a continuing class of TB200. Students will learn how to combine the anatomical knowledge with Tui Na techniques to clinical practices such as trigger point therapy, myofascial release, post isometric relaxation, proprioceptive neuromuscular facilitation.

Recommended: AC101-102, BS201

## Clinical Medicine, Patient Assessment & Diagnosis

**32 Units | 320 Hours**

**3 | 30**

### **WM100 Western Medical Terminology**

Study of Western Medical terms used for various diseases, medical/surgical procedures and body parts. Introduction on how medical terminology are formed using Greek and Latin roots, prefixes, suffixes and abbreviations

Prerequisite: None

**3 | 30**

### **WM301 Physical Examination**

Students will learn to perform actual physical diagnosis emphasizing common physical diagnostic techniques. In addition, class introduces the ordering and interpretations of a variety of laboratory tests and when to refer patients to other health-care providers.

Prerequisite: BS201-204

**3 | 30**

### **WM302 Laboratory & Imaging**

Class introduces medical imaging and its limitations, the order and preparation for the various examination, the reading of radiological report and the understanding of film interpretation, the basic physics and techniques of all modalities.

Prerequisite: BS201-204

**3 | 30**

**WM303 Differential Diagnosis**

This course introduces the differential diagnosis of common clinical symptoms and body signs. It includes fever, bleeding of skin and membrane, edema, cough, cough with phlegm, haemoptysis, chest pain, cyanosis, breathe with difficulty, palpitation, nausea, vomit, haematemesis, blood in stool, abdominal pain, diarrhea, constipation, jaundice, back and low back pain, joint pain, haematuria, frequent urination, urinary urgency, urinary pain, oliguria, anuria, polyuria, headache, dizziness, faint, twitch, convulsion, and conscious obstruction.

Prerequisite: BS201-204

**3 | 30**

**WM304 Western Pharmacology**

Course discusses how certain drugs affect the autonomic & central nervous systems, as well as other organ systems

Prerequisite: BS201-204

**3 | 30**

**WM401 Western Clinic Science I**

This course introduces the clinical aspects of Western medicine. This is the first of a four part series presents the human body within the Western approach to disease and disorders, nutrition, hormonal disorders, errors of metabolism and biological agents.

Prerequisites: BS311

Concurrent: BS312 or 313

**3 | 30**

**WM402 Western Clinic Science II**

The topics of discussion in this course emphasize diseases of the internal organs including cardiovascular system, respiratory system, gastrointestinal and genitourinary system.

Prerequisites: BS311

Concurrent: BS312 or BS313

**3 | 30**

**WM403 Western Clinic Science III**

This course discusses the diseases diagnosis and treatment of the hepatobiliary and nervous systems, pancreas, hematopoietic, and neoplasia. Common immunological disorders are also discussed.

Prerequisites: BS311

Concurrent: BS312 or BS313

**3 | 30**

**WM404 Western Clinic Science IV**

This course discusses the specialized area of obstetrics and gynecology, pediatrics and geriatrics medicine. Common neurological and psychiatric disorders and treatments are discussed.

Prerequisites: BS311

Concurrent: BS312 or BS313

**3 | 30**

**WM405 Western Gynecology**

Introduction of the anatomy and physiology of female organs. The pathological changes of female diseases and their western medical treatments will be discussed with clinical cases.

Prerequisite: BS311

Concurrent: BS312 or BS313

2 | 20

**WM500 Survey of Clinical Medicine**

Reviews the clinical practices of various branches of medicine, including osteopathy, chiropractic, homeopathy, naturopathy, and other natural healing modalities.

Prerequisite: None

## Case Management

**9 Units | 90 Hours**

3 | 30

**CM301 Case Management I**

The first evaluation stage for new interns. This seminar class requires each student to present a minimum of one clinical case for review in a classroom setting. Instructors will evaluate presentation procedures, case analysis, research techniques and conclusions.

Prerequisites: BS201-204, OM201-203,  
HB100-104, AC100-202

**3 | 30**

### **CM302 Case Management II**

Interns will present clinical case studies and receive a more rigorous analysis of their diagnostic tactics and case management. Interns are expected to enhance patient evaluation skills with a deeper knowledge of herbal and acupuncture treatments. In addition, they should be able to evaluate their own recommended treatment modalities and be capable of adjusting them to greater serve the patient's needs.

Prerequisite: None

Concurrent: CL211

**3 | 30**

### **CM303 Case Management III**

This is the third and final Case Management seminar and interns are required to demonstrate their skills and to present them in clinical case management studies. Interns must research on a comprehensive treatment program covering both eastern and western perspectives, including thorough documentation of patient charting; physical examination with prior medical history; possible diagnosis and recommended treatment; provide competent and efficient application of acupuncture and herbal therapies and prescription. Interns will be expected to present and defend their professional decisions and techniques before their peers and licensed supervisor.

Prerequisite: None

Concurrent: CL311

## Practice Management

5 Units | 50 Hours

3 | 30

### MG401 Clinical Management

Study of the business aspects of private practice, including clinic operations, environmental planning, finances, public relations, insurance billing, maintenance and release of records, personal injury and Workman's Compensation procedures. Other topics include patient communication skills, counseling, confidentiality, and public service.

Prerequisite: None

2 | 20

### MG402 Medical Ethics

A presentation of medical ethics and jurisprudence for the primary health care practitioner with emphasis on California Acupuncture law. Including topics such as informed consent, patient referral, legal requirements of record keeping, office liability, insurance laws, and malpractice.

Prerequisite: None

## Public Health

3 Units | 30 Hours

3 | 30

### PH101 Public Health

Course will cover overall view of current practices in epidemiology, community and environmental health sciences, biostatistics, health services and disease control.

Prerequisite: None

## Professional Development 4 Units | 40 Hours

3 | 30

### RM101 Research of AOM

Introduction of the most recent scientific researches on acupuncture and traditional Chinese medicine all over the world. The evidence-based results will be emphasized. A general clinical research method of acupuncture and Oriental medicine will be discussed.

Prerequisite: None

1 | 10

### RM102 Graduation Exam

To graduate from the MSAOM program at AMU, student must pass the graduate examination in his/her last or last two quarters.

Prerequisite: Complete at least 210 didactic units and 760 hours clinical internship

## Elective Class\*

9 Units | 90 Hours

\* Students must complete units of elective classes among all the elective classes

**3 | 30**      **EL100 Academic Seminar (Topic Varies)**  
This course will be offered when a valued topic or an excellent instructor is available. All topics must be related to Acupuncture and Oriental medicine or integration of Acupuncture and Oriental and Western medicine.  
Prerequisite: None

**3 | 30**      **EL101 Japanese Shiatsu**  
This course introduces the unique Japanese massage – Shiatsu, its principle, hands-on skills and clinical applications.  
Prerequisite: None

**3 | 30**      **EL102 Japanese Abdominal Diagnosis**  
This course introduces the unique Japanese diagnostic method – abdominal diagnosis, its principles, its methods and how to apply it in the clinical practice.  
Prerequisite: OM201-203

**3 | 30**      **EL103 Korean Four-Images**  
This course introduces Korean’s special pattern identification: Four-Images. It originated from the Chinese philosophical book I Ching, and was developed by Korean doctors to be a clinical system of diagnosis and treatment.  
Prerequisite: OM201-203

**3 | 30**

**EL104 Yoga**

This course introduces the basic theory of Yoga, its techniques, and how to practice it as one way of disease prevention.

Prerequisite: None

**3 | 30**

**EL105 Tibetan Medicine**

This course introduces Tibetan medicine. The introduction focuses on its principles, special diagnosis and treatment methods. Unique Tibetan herbs and their medical functions will be mentioned.

Prerequisite: OM201-203

**3 | 30**

**EL106 Advanced Qi Gong**

This class introduces more Qi Gong schools and types. Qi Gong therapeutics will be approached also. Prerequisite: TB102

**3 | 30**

**EL201 Yellow Emperor's Classic**

This class introduces the most important ancient Chinese medical classics Yellow Emperor's Classic, its relationship with today's Chinese medicine, and how to apply it into clinic practice.

Prerequisite: None

**3 | 30**

**EL202 Medical I Ching**

This class introduces the relationship between I Ching and traditional Chinese medicine, explains how I Ching impact the Chinese medicine, and in how many fields.

Prerequisite: None

**3 | 30**

**EL203 Modern Research on Chinese Herbs**

This course introduces the most updated scientific research achievements on Chinese herbs, and discusses how to apply the research results to the clinic practice.

Prerequisite: HB101-104

**3 | 30**

**EL204 Various Schools of TCM**

This course introduces many different scholastic medical schools on the history of Chinese medicine, and analyzes their different contribution and clinic value to the Chinese medicine.

Prerequisite: OM201-203

**3 | 30**

**EL205 Medical Chinese (Mandarin)**

This course teaches very basic Chinese language for acupuncture and Chinese medicine students, such as pronunciation, Pin-Yin system, Chinese characters on herbs and TCM terms.

Prerequisite: None

**3 | 30**

**EL206 Clinical English**

This course focuses on clinical conversation in English to improve the communicative ability of the students in the Chinese Track.

Prerequisite: None

**3 | 30**

**EL207 Treatment of Parasite Diseases**

This course introduces the symptoms, diagnosis, and treatment of parasite diseases in TCM view points, and discusses the integration of TCM and conventional medicine in parasitology.

Prerequisite: OM201-203

**3 | 30**

**EL208 Cancer & TCM**

This course discusses the possible application of TCM on oncology, mainly focuses on the pain relief and immune system improvement for cancer patients.

Prerequisite: OM201-203

**3 | 30**

**EL209 Auto-immune Disease and TCM**

This course discusses the clinic application of TCM on auto-immune diseases such as insulin-dependent diabetes mellitus (IDDM), multiple sclerosis (MS), systemic lupus erythematosus (SLE), and rheumatoid arthritis (RA). The appropriate integrative treatment of East/West medicine will be discussed.

Prerequisite: OM201-203

**3 | 30**

**EL210 Introduction to Homeopathy**

This course introduces the basic theories, the diagnostic principles and therapeutic methods of homeopathy. A comparison between homeopathy and TCM will be discussed.

Prerequisite: OM201-203

**3 | 30**

**EL301 Neuro-endocrinology**

This course introduces the most updated development of neuro-endocrinology and its clinic applications. The relationship between neuro-endocrinology and TCM will be discussed.  
Prerequisite: OM201-203, BS301-303

**3 | 30**

**EL302 Integrative Pain Management**

This course focuses on introducing the different approach to pain symptoms by Western medicine and TCM, and discussing the appropriate integrative treatment for a better result.  
Prerequisite: OM201-203, AC201-202

**3 | 30**

**EL303 Clinical Rehabilitation**

This course focuses on an appropriate integrative treatment for the patients during their rehabilitative period.  
Prerequisite: OM201-203, AC201-202

**3 | 30**

**EL304 Advanced TCM Gynecology**

This course is the continuation of OM402 TCM Gynecology. More gynecological diseases and treatments will be discussed.  
Prerequisite: OM402

**3 | 30**

**EL305 TCM Pediatrics**

This course introduces the theory, diagnosis and treatment of TCM to children diseases.  
Prerequisite: OM201-203

**3 | 30**

**EL306 TCM Cosmology**

Introduction of the basic knowledge of cosmology, combined with TCM life nourishment principles and techniques.  
Prerequisite: AC301-302, OM201-203, HB101-104

## Clinical Practice

48 Units | 960 Hours

2 | 40

### CL111 Clinic Level I: Orientation & Preparation

An orientation to the acupuncture clinic for entering interns. All aspects of clinic procedures including professional dress code, equipment safety code, patient practitioner relationship, proper medical charting format, traditional Chinese medical therapies, clean needle technique protocol and prevention of infection from blood borne pathogens are presented. Students will practice and role play intake of patient proper handling of equipments and treatment of patients.

Prerequisite: Passing grade on Clinic Internship Entrance exam, CNT certificate and current C.P.R. card.

Prerequisite: OM101-102, OM201-203, AC100-102, AC201-202, HB100-104, BS101-103, BS201-204, WM100

2 | 40

### CL112 Clinic Level I: Herbal Pharmacy

Supervised training in the herbal pharmacy where interns prepare herbal prescriptions for patients. Various forms of herbal medication including raw herb decoction, capsule/pill formulations as well as powder extracts are used and interns will learn to select, weigh, and compounding herbal prescriptions.

Prerequisite: Passing grade on Clinic Internship Entrance exam, CNT Certificate and current C.P.R. card.

6 | 120

**CL113 Clinic Level I: Clinic Observation**

Interns at this level will spend most of their clinic hours observing clinicians and advanced interns on treatment procedures from intake to charting to diagnosis and treatment. Observers are encouraged to discuss the reasoning behind each patient diagnosis and begin to formulate their own opinions.

Prerequisite: CL111, CNT Certificate and current C.P.R. card.

16 | 320

**CL211 Clinic Level II: Assisted/Supervised Practice**

Level II Interns are expected to practice acupuncture and Chinese Herbology, along with other healing therapies within the scope of the acupuncture license. The internship is done under close guidance and supervision. Students are regularly evaluated as to their abilities to treat patients. Toward the end of this level, emphasis is shifted toward the intern's defense of their independently derived treatment decisions.

Prerequisite: Passing grade on Clinic Internship Level I Exit exam and a current C.P.R. card.

**CL311 Clinic Level III: Solo Practice  
with Supervision**

This is the last level of internship before graduation where Senior interns demonstrate a thorough understanding of clinical diagnosis and treatment skills and are expected to perform “solo practice” and assume primary responsibility for treating patients. Interns at this level have less supervision of their activities but must obtain the supervisor’s approval of all treatment decisions. By the end of this course, an intern must have performed at least 350 treatments in order to graduate.

Prerequisite: Passing grade on Clinic Internship Level II Exit exam and a current C.P.R. card.

# Year One

Western Science & Medicine			Oriental Medicine		Acupuncture	
Quarter	Course	Units	Course	Units	Course	Units
One	BS101 Biology	3	OM100 Med. History & Literature	3	AC101 Acupuncture Anatomy I	3
	BS201 Anatomy/Physiology & lab I	4	OM101 Basic Theory of TCM I	3		
Two	BS102 Chemistry & Biochemistry	3	OM102 Basic Theory of TCM II	3	AC102 Acupuncture Anatomy II	3
	BS103 Physics	2				
	BS202 Anatomy/Physiology & lab II	4				
Three	BS104 Psychology	3	OM201 TCM Diagnosis I	3	AC100 Meridian Theory	3
	BS203 Anatomy/Physiology & Lab III	3				
Four	BS106 Microbiology & Immunology	3	OM202 TCM Diagnosis II	3	AC201 Acupuncture Physiology I	3
	BS204 Anatomy/Physiology & lab IV	3				

Herbal Medicine		Elective & Others		Quarterly	Clinical internship	
Course	Units	Course	Units	Total Units	Level	Hours
				16		
HB100 Intro to Botany & Herbs	2			17		
HB101 Chinese Herbology I	3			15		
HB102 Chinese Herbology II	3			15		

# Year Two

Western Science & Medicine			Oriental Medicine		Acupuncture	
Quarter	Course	Units	Course	Units	Course	Units
One	WM100 Medical Terminology	3	OM203 TCM Diagnosis III	3	AC202 Acupuncture Physiology II	3
	WM301 Physical Examination	3				
Two	BS107 Nutrition & Vitamins	3	OM301 TCM Internal Medicine I	3	AC301 Acupuncture Techniques & Lab I	4
			TB101/TB102 Tai Ji Quan/Qi Gong	4		
Three	BS311 Pathology I	3	OM302 TCM Internal Medicine II	3	AC302 Acupuncture Techniques & Lab II	4
			TB200 Tui Na	3		
Four	BS312 Pathology II	3	OM303 TCM Internal Medicine III	3	AC401 Acupuncture Therapeutics I	3
			OM204 Clinic Consulting Skills	3		

Herbal Medicine		Elective & Others		Quarterly	Clinical internship	
Course	Units	Course	Units	Total Units	Level	Hours
HB103 Chinese Herbology III	3			15		
HB104 Chinese Herbology IV	3			17	Clinic Entrance Exam	
HB201 Chinese Herbal Formula I	3			16	Level I - Orientation	40
					Level I - Herb Pharmacy	40
HB202 Chinese Herbal Formula II	3	CM301 Case Management I	3	18	Level I - Observation	120
					Level I Exit Exam	

# Year Three

Western Science & Medicine			Oriental Medicine		Acupuncture	
Quarter	Course	Units	Course	Units	Course	Units
One	BS313 Pathology III	3	OM304 TCM Internal Medicine IV	3	AC402 Acupuncture Therapeutics II	3
	WM302 Laboratory & Imaging	3				
Two	WM303 Differential Diagnosis	3	OM401 TCM Dermatology	3		
	WM304 W. Pharmacology	3	TB201 Asian Body Work	3		
Three	WM401 W. Clinical Science I	3	OM402 TCM Gynecology	3		
	WM405 W. Gynecology	3				
Four	WM402 W. Clinical Science II	3	OM403 TCM Orthopedics/Traumatology	3		

Herbal Medicine		Elective & Others		Quarterly	Clinical internship	
Course	Units	Course	Units	Total Units	Level	Hours
HB203 Chinese Herbal Formula III	3	Elective	3	18	Level II - Supervised Practice	80
HB204 Chinese Herbal Formula IV	3	CM302 Case Management II	3	18	Level II - Supervised Practice	120
HB301 Advanced Herbology	3	PH101 Public Health	3	15	Level II - Supervised Practice Level II Exit Exam	120
HB401 A. Formula Shang Han Lun	3	Elective	3	12	Level III - Solo Practice	120

# Year Four

Western Science & Medicine			Oriental Medicine		Acupuncture	
Quarter	Course	Units	Course	Units	Course	Units
One	WM403 W. Clinical Science III	3	OM404 Integration of E/W Medicine	3		
Two	WM404 W. Clinical Science IV	3				
Three	WM500 Survey of Clinic Medicine	2				
Four						

Herbal Medicine		Elective & Others		Quarterly	Clinical internship	
Course	Units	Course	Units	Total Units	Level	Hours
HB300 TCM Nutrition	3	CM303 Case Management III	3	12	Level III/Solo Practice	120
HB402 A. Formula Jin Gui Yao Lue	3	Elective	3	12	Level III/Solo Practice	120
		RM101 Research on AOM	3			
HB403 A. Formula Wen Bing	3	MG401 Clinical Management	3	10	Level III/Solo Practice	80
		MG402 Medical Ethics	2			
HB410 Formula Writing	4	RM102 Graduation Exam	1	5		

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