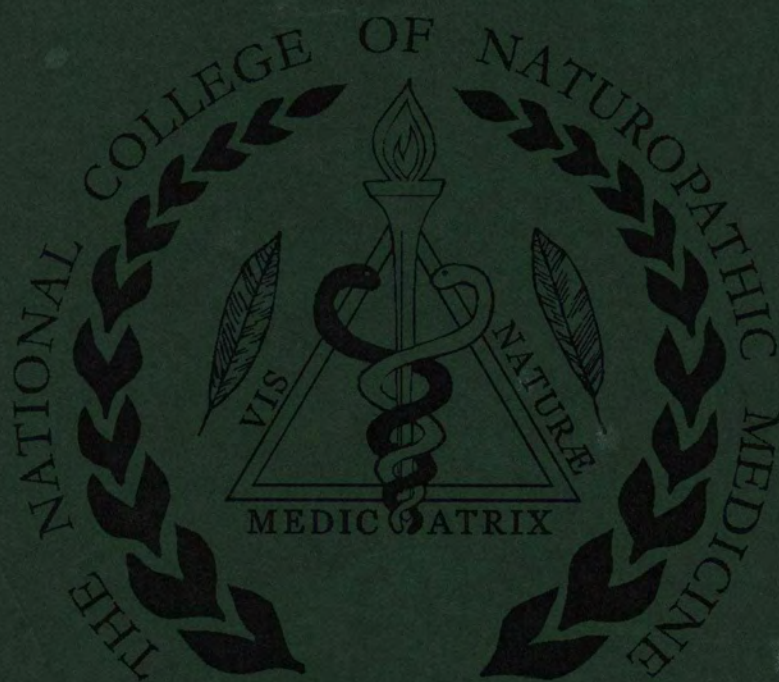


NATIONAL COLLEGE OF NATUROPATHIC MEDICINE



• 1956 •

Catalog 2003-2004

AUTHORIZATION

National College of Naturopathic Medicine (NCNM) is a nonprofit corporation authorized by the State of Oregon to offer and confer the Doctor of Naturopathic Medicine (ND) degree and the Master of Science in Oriental Medicine (MSOM) degree described herein, following a determination that state academic standards will be satisfied under OAR 583-030. Inquiries concerning the standards or school compliance may be directed to the Oregon Office of Degree Authorization (ODA), 1500 Valley River Drive, Suite 100, Eugene, OR 97401.

NCNM complies with the Equal Opportunity Act of 1965, American Disabilities Act of 1990, and Title IV of the Higher Education Act as federally re-authorized in 1998. These acts and amendments prohibit discrimination on the basis of age, sex, race, national or ethnic origin, religion, or disability. NCNM also adheres to guidelines set forth by the Family Educational Rights and Privacy Act of 1974, which pertains to limitations and rights of access to student records. To ensure compliance with these requirements, NCNM enacts policies and procedures, and articulates protocols in this catalog, the student handbook, departmental policy and procedural guides, and employee manuals.

Every effort has been made to ensure the accuracy of information in the catalog. NCNM constantly reviews its policies to improve the institution and the quality of education provided. Changes to the catalog can be made without prior notice. This catalog is not a contract between National College of Naturopathic Medicine and current or prospective students. The catalog is available on CD at no cost through the Office of Admissions or in a viewable and downloadable .pdf format from the Internet at www.ncnm.edu. Paper copies are available by request.

EQUAL OPPORTUNITY STATEMENT

National College of Naturopathic Medicine, in compliance with state and federal laws and regulations, does not discriminate on the basis of race, color, national origin, religion, sex, sexual orientation, marital status, age, disability, or veteran's status in any of its policies, procedures, or practices. This nondiscrimination policy covers admission and access to, and treatment and employment in, College programs and activities, including but not limited to academic admissions, financial aid, educational services, and employment.

COLLEGE AND PROGRAM ACCREDITATION

NCNM confers the Doctor of Naturopathic Medicine (ND) degree and Master of Science in Oriental Medicine (MSOM) degree as approved by the State of Oregon through its Office of Degree Authorization. Approval is granted to institutions that satisfy state academic standards under Oregon Administrative Rule 583-030.

Oregon Office of Degree Authorization
1500 Valley River Drive, Suite 100
Eugene, OR 97401
541-687-7452, www.osac.state.or.us/oda/

NCNM is a candidate for accreditation at both the master's and naturopathic doctoral degree levels with the Northwest Commission on Colleges and Universities (NWCCU). The Northwest Commission is one of seven U.S. regional accrediting bodies authorized and recognized by the Secretary of Education.

Northwest Commission on Colleges and Universities
8060 165th Avenue NE, Suite 100
Redmond, WA 98052
425-558-4224, www.cocnasc.org

The degree program in naturopathic medicine is accredited by the Council on Naturopathic Medical Education (CNME), a specialized accrediting agency.

Council on Naturopathic Medical Education
P. O. Box 114236
Eugene, OR 97440-3628
541-484-6028, www.cnme.us

NCNM's MSOM program is accredited by the Accreditation Commission for Acupuncture and Oriental Medicine (ACAOM). ACAOM is a specialized accrediting agency for the approval of programs preparing acupuncture and Oriental medicine practitioners.

Accreditation Commission for Acupuncture and Oriental Medicine
Maryland Trade Center #3
7501 Greenbelt Center Drive, Suite 820
Greenbelt, MD 20770
301-313-0855, www.acaom.org

Other sources of information available to prospective students about NCNM include the College viewbook, the Student-for-a-Day Program, campus visits, and the institution's web site at www.ncnm.edu. For further information regarding NCNM programs, please contact:

NCNM Office of Admissions
049 SW Porter Street
Portland, OR 97201
503-552-1660, admissions@ncnm.edu, www.ncnm.edu

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PRESIDENT'S WELCOME LETTER

Dear Prospective Student,

Welcome to National College of Naturopathic Medicine—NCNM for short. The oldest naturopathic college in North America, NCNM stands as the taproot for an expanding medical system poised not only to offer succor to an ailing health system, but to build a stronger infrastructure for health-sustaining medical care.

All of you aspiring to become naturopathic physicians, classical Chinese medicine practitioners, and leaders in the rapidly growing field of natural medicine will enjoy a superior education and experience here at NCNM. We prepare only the highest quality physicians to go out into the world in the many capacities they are needed.

The world is anticipating the success each of you will add to the health and well being of its people. As someone with a background and investment in public health, I am witnessing an inspired union between public health and natural medicine. Public health's efforts in the areas of epidemiology, health promotion, and environmental health are in increasing accord with the commitments of natural medicine. These converging aspects of healthcare will only strengthen natural medicine's presence and effectiveness as a front line system of care.

Keep in mind as you consider NCNM that our students come from all over the planet to learn in a cooperative and supportive environment. We reside in one of the country's most socially and environmentally conscious cities, Portland, Oregon. It is a city noted for its natural beauty and welcoming attitude. People enjoy biking, jogging, hiking, and other outdoor adventures the year round.

Please consider joining us in our pursuit of exceptional education in natural medicine. You will have the privilege and joy of celebrating our Golden Anniversary in 2006. Come be a part of our college. Be sure to speak with our students and alumni to get a greater understanding of our vision, commitment to excellence, and community.

I wish you the very best in whatever career direction you choose. As you find your way, contemplate the significance of naturopathic medicine's first principle, *vis medicatrix naturae*, The Healing Power of Nature.

With every good wish.

Respectfully,

William J. Keppler, PhD
President and Professor of Public Health

LETTER FROM THE PROVOST

Dear Prospective Student,

Natural medicine in the 21st century integrates the wisdom of traditional healing practices with modern scientific understanding of the body, emotions, mind, and spirit. At NCNM, our commitment to superior education in natural medicine focuses on a classical approach—whether Chinese medicine, naturopathic medicine, or homeopathy—and on working in concert with “the healing power of nature.”

The demand for natural medicine has never been greater, with three out of four Americans now choosing “alternative” care. With the rising incidence of chronic disease due to poor dietary, lifestyle, and environmental choices, our society needs a fundamental solution to the health-care crisis. The solution’s success lies in trained physicians teaching people to make life-supporting choices, showing them how to take responsibility for their health, and providing them, whenever possible, with noninvasive treatments that initiate the body’s propensity to heal.

Medicine is a calling. If you are reading this, you may be hearing its call. Whether you prefer to train as a primary care naturopathic physician or as a classical Chinese medicine practitioner, you can become part of the solution.

At NCNM, we look for students with a dedication to serve, heartfelt compassion, intellectual ability, an inquiring mind, and the self-discipline to succeed in an intellectually demanding program. If this describes you, we encourage you to apply to one of our degree programs now. You are needed, and will certainly be rewarded as you join forces with physicians of the highest integrity and vision of health and well-being.

We welcome you to our learning community of students, doctors, and researchers as we shape the future.

With the heart of the medicine in mind,

Pauline A. Baumann, ND (NCNM 1985)
Interim Provost and Vice President for Academic Affairs

ACADEMIC CALENDAR

2003/2004	
Clinic Holiday I	6/29/2003 - 7/5/2003
Fourth of July Holiday	7/4/2003
Summer Term Begins	6/29/2003
Summer Term Ends	9/13/2003
Labor Day Holiday Campus Closed	9/1/2003
Clinic Holiday II	9/7 - 13/2003
ND 1 Orientation	9/3 - 5/2003
MSOM Orientation	9/12/2003
Fall Term Begins	9/14/2003
Last Day to Add or Change Sections	9/26/2003
Last Day to Pay Tuition & Fees	9/26/2003
Late Payment Fee Assessed	9/29/2003
Last Day to Drop Classes	10/10/2003
Thanksgiving Break, No Classes	11/24 - 29/2003
Thanksgiving Holiday, Campus Closed	11/27 - 29/2003
Clinic Holiday III	11/23 - 29/2003
Study Week	12/1 - 12/6/2003
Finals Week	12/8 - 12/12/2003
Fall Term Ends	12/13/2003
Winter Break No Classes	12/14/2003 - 1/3/2004
Clinic Holiday IV	12/14 - 20/2003
Clinic Holiday V	12/21 - 27/2003
Clinic Holiday VI	12/28/2003 - 1/3/2004
Winter Term Begins	1/4/2004
Martin Luther King Day, Campus Closed	1/19/2004
Last Day to Add or Change Sections	1/16/2004
Last Day to Pay Tuition & Fees	1/16/2004
Late Payment Fee Assessed	1/19/2004
Last Day to Drop Classes	1/30/2004
Study Week	3/16 - 20/2004
Finals Week	3/22 - 26/2004
Winter Term Ends	3/27/2004
Spring Break	3/28 - 4/3/2004
Clinic Holiday VII	3/28 - 4/3/2004
Spring Term Begins	4/4/2004
Last Day to Add or Change Sections	4/16/2004
Last Day to Pay Tuition & Fees	4/16/2004
Late Payment Fee Assessed	4/19/2004
Last Day to Drop Classes	4/30/2004
Memorial Day, Campus Closed	5/31/2004
Study Week	6/15 - 19/2004
Finals Week	6/21 - 25/2004
Spring Term Ends	6/26/2004
Graduation	6/28/2004

LIFE IN AND AROUND PORTLAND, OREGON

A haven for those seeking well being, community, culture, and an environment steeped in natural beauty, Portland, Oregon, is an ideal place for studying natural medicine.

Mountains and Gorge

Situated in the northernmost part of the Willamette Valley, Portland nestles between the Cascade mountain range to the east and the Coast range to the west. Prominent peaks Mt. Hood, Mt. St. Helens, Mt. Adams and even Mt. Rainier can be seen on clear days. Mt. Hood is a playground for outdoor enthusiasts with hiking trails, ski areas, and campgrounds. To the northeast, and 30 minutes from downtown, is the Columbia River Gorge National Scenic Area. The Scenic Highway provides access to hiking trails, river beaches, inspiring views, and dramatic waterfalls—the 620-foot Multnomah Falls is the second highest year-round waterfall in the nation.

Pacific Coast

The Pacific coast, with its rugged, rocky headlands and lush forests, is a 90-minute drive from Portland. Sprinkled along 300 miles of public beach, coastal communities are small, inviting, and provide a treasure of local art, food, and lodging.

Wine Country

The valley farmlands, which extend into Southern Oregon, are home to a growing number of organic farms and orchards, flower fields, and dozens of small, internationally acclaimed wineries. Oregon provides ideal conditions for pinot noir grapes and produces spectacular wines.

The City

Portland, affectionately known as “the City of Roses” and “City of Bridges,” is home to nearly 2 million residents. Divided by the Willamette River and bordered to the north by the Columbia River, Portland abounds in parks (10% of all city land) including 5,100-acre Forest Park. The city offers an array of restaurants from fine, to bistros, to organic and vegetarian. Coffee houses, clubs, galleries, and a wide range of event venues support a rich, diverse nightlife. Many varied residential areas for renters or homeowners surround the NCNM campus, allowing access by foot, bike, public transportation, or car.

Climate

Known for its extended bloom-filled spring, the Portland area enjoys a mild turn of the four seasons. While it has a reputation for rain—on average 37 inches a year—other large cities, such as Atlanta, get more rainfall. Summer temperatures average in the mid-70s with little precipitation. A benefit of our mountain rain is an abundant water supply—among the purest in the nation.

Culture: Arts and Entertainment

The Portland area offers cultural events for all facets of its community. The largest and most famous of the main festivals is the Portland Rose Festival approaching its 100th Anniversary. Held each year in June, it lasts 25 days and features more than 70 events, the highlight being the Grand Floral Parade. Other festivals include The Bite, A Taste of

Portland (featuring Portland's premier food, wine tasting, and musical entertainment), Fiesta Cinco de Mayo (Oregon's largest multicultural event), and the Oregon Brewers Festival where 72 breweries from Oregon and across the country bring their best beers.

Attractions

Perennial attractions include the acclaimed Oregon Zoo, Portland Art Museum, the Oregon Museum of Science and Industry (OMSI), the Japanese Garden, the Classical Chinese Garden, Portland's Saturday Market (the largest weekend open-air crafts market in the nation), and Powell's City of Books (one of the largest bookstores in the nation).

Arts

The Portland arts community is diverse and vibrantly creative. Live-music lovers can find virtually any musical genre they desire being played anywhere from a local pub to the Arlene Schnitzer Concert Hall. Regular performing groups include the Oregon Symphony Orchestra, Portland Opera, West Coast Chamber Orchestra, Portland Youth Philharmonic, and the Oregon Ballet Theater. While there are many small theaters, the Portland Center for the Performing Arts attracts large nationally acclaimed productions. As well, the city supports more than 75 art galleries and 10 museums. Galleries open new exhibits during evening art walks on First Thursday in the Pearl District and Last Thursday on Alberta Street.

Sports

Sports enthusiasts have a variety of teams to watch. The NBA's Trail Blazers and the WNBA's Fire are Portland's professional teams. There are also a minor league baseball team, junior hockey team, and men's and women's professional golf tournaments.

Public Transportation

The Portland metro area leads the country in light-rail development and has boasted the best transit system in the country. MAX (Metropolitan Area Express) light-rail trains link downtown Portland with outlying areas and the Portland International Airport. TriMet, Portland's public transportation provider, is committed to decreasing cars on the road and helping preserve the region's environmental quality and quality of life in general.

Home of High Tech

Portland has more than 1,700 high tech companies employing approximately 64,500 workers in the metropolitan area. Electronic products account for more than 50 percent of the state's total exports. Named one of the most "wired" regions in the country, Portland ranks third in computers at home (69%) and fourth in home Internet access (58%).

Helpful Web Sites for Relocation

www.oregonian.com The Oregonian (daily newspaper)

www.traveloregon.com Travel Oregon

www.pova.com Portland Oregon Visitors Association

www.oregonlive.com Oregon Live

www.multcolib.org Multnomah County Library

DOCTOR OF NATUROPATHIC MEDICINE

NATUROPATHIC MEDICINE

Naturopathic medicine is a patient-centered primary care approach that uses natural means to restore and optimize health. It is a distinct system of health care—an art, science, philosophy, and practice of diagnosing, treating, and preventing disease. Naturopathic medicine is heir to the vitalistic tradition of medicine in the Western world and emphasizes the treatment of disease through the stimulation, enhancement, and support of the inherent healing power of the body. Methods of treatment are chosen that respect the natural healing process.

HISTORY OF NATUROPATHIC MEDICINE

The roots of naturopathic medicine go back thousands of years, drawing on the healing wisdom of many cultures including Indian (Ayurvedic), Chinese (Taoist), Greek (Hippocratic), Arabian, Egyptian, and European (monastic medicine) traditions.

With the age of scientific inquiry, medicine took on exciting dimensions and developed new tools for fighting disease. In fact, many older time-tested healing and health maintenance methods were discarded at a rapid rate as doctors began treating disease almost solely with surgery and drugs.

Some practitioners in Europe and America, however, perceived that valuable, empirically proven natural therapies were being lost, and struggled to retain the practice of promoting health through stimulation of the vital force and the rational use of natural agents.

As a distinct American health care profession, naturopathic medicine is 100 years old, tracing its origins to Dr. Benedict Lust and Dr. Robert Foster. Dr. Lust came to the United States from Germany to practice and teach the hydrotherapy techniques popularized by Sebastian Kneipp in Europe. A committee of Kneipp practitioners met in 1900 and determined that the practice should be expanded to incorporate all natural methods of healing, including botanical medicines, nutritional therapy, physiotherapy, psychology (mind-body connection), homeopathy, and the manipulative therapies. They called their profession “naturopathy.”

The first school of naturopathy was founded by Dr. Lust in New York City and graduated its first class in 1902. During the same period, Dr. Foster founded a similar institution in Idaho that trained the early naturopathic pioneers responsible for establishing licensing laws in Oregon and Washington states.

Naturopathic medical conventions in the 1920s attracted more than 10,000 naturopathic physicians. There were more than 20 naturopathic medical colleges, and NDs were licensed in a majority of states. Naturopathic medicine experienced a decline in the 1940s and '50s with the rise of pharmaceutical drugs, technological medicine, and the idea that drugs could eliminate all disease. As one after another ND degree program closed down, National College of Naturopathic Medicine was founded to keep the medicine alive. The drop-off in popularity was so steep that during its first 20 years, National College of

Naturopathic Medicine graduated only 70 students. From its founding in 1956 until 1979, when three of its alumni founded John Bastyr College (now Bastyr University) in Seattle, it was the only naturopathic college in the U.S.

While naturopathic medicine has been present in the United States for a century, National College of Naturopathic Medicine, the oldest accredited naturopathic medical school in North America, is less than half as old. NCNM has been at the center of the profession, preserving and extending the legacy of naturopathic medicine, founded by those who started practice in the 1920s and '30s, and training those who would follow generations later. The profession has experienced a resurgence in the past two decades as a health-conscious public has sought alternatives for conditions that conventional medicine has not adequately addressed. Since the late 1970s, three more naturopathic colleges have been opened by NCNM alumni, and National College of Naturopathic Medicine's enrollment has quadrupled. This growth is in direct response to the changing needs of our society; not only is the public demanding a medical model in which the individual plays a more active role in her/his health and healing process, but doctors also want a medical model that is more patient-centered and holistic.

NCNM is alma mater to nearly 1,300 naturopathic physicians who practice in nearly every state and province and many foreign countries. Many are nationally recognized spokespersons and teachers as well as successful physicians who have gone on to found new naturopathic colleges. National College of Naturopathic Medicine alumni have also founded professional associations to promote and expand naturopathic medicine. This is an exciting time to join the profession and help make history in the field of naturopathic medicine.

PRINCIPLES OF NATUROPATHIC MEDICINE

The practice of naturopathic medicine emerges from six principles of healing. These principles are based on the objective observation of the nature of health and disease and are examined continually in light of scientific analysis. These principles stand as the distinguishing marks of the profession:

First Do No Harm *primum no nocere*

Therapeutic actions that are complementary to and synergistic with the body's innate healing process prevent harm to patients. Naturopathic physicians follow three precepts to avoid harming the patient: 1) Use methods and medicinal substances which minimize the risk of harmful effects, and apply the least possible force or intervention necessary to diagnose illness and restore health. 2) Whenever possible, avoid symptom suppression as it can interfere with the healing process. 3) Respect and cooperate with the *vis medicatrix naturae* in diagnosis, treatment, and counseling.

The Healing Power of Nature *vis medicatrix naturae*

The body has the inherent ability to establish, maintain, and restore health. The healing process is ordered and intelligent; nature heals through the response of the life force. The physician's role is to facilitate and augment this process, to identify and remove obstacles

to health and recovery, and to support the creation of a healthy internal and external environment.

Identify and Treat the Cause *tolle causam*

Illness does not occur without cause. Underlying causes of disease must be discovered and removed or treated before a person can recover completely from illness. Symptoms are expressions of the body's attempt to heal, but are not the cause of disease; therefore, naturopathic medicine addresses itself primarily to the underlying causes of disease, rather than to the symptoms. Causes may occur on many levels, including physical, emotional, mental, and spiritual. The physician must evaluate fundamental underlying causes on all levels, directing treatment at root causes as well as seeking relief of symptoms.

Treat the Whole Person *in perturbato animo sicut in corpore sanitas esse non potest*
Health and disease are conditions of the whole organism, involving a complex interaction of physical, spiritual, mental, emotional, genetic, environmental, and social factors. The physician must treat the whole person by taking all of these factors into account. The harmonious functioning of all aspects of the individual is essential to recovery from and prevention of disease, and requires a personalized and comprehensive approach to diagnosis and treatment.

The Physician as Teacher *docere*

Beyond an accurate diagnosis and appropriate prescription, the physician must work to create a healthy, sensitive interpersonal relationship with the patient. A cooperative doctor-patient relationship has inherent therapeutic value. The physician's major role is to educate and encourage the patient to take responsibility for his or her own health. The physician is a catalyst for healthful change, empowering and motivating the patient to assume responsibility. It is the patient, not the doctor, who ultimately creates or accomplishes healing. The physician must strive to inspire hope as well as understanding. The physician must also make a commitment to her/his personal and spiritual development in order to be a good teacher.

Prevention *principiis obsta: sero medicina curatur*

The ultimate goal of naturopathic medicine is prevention. This is accomplished through education and promotion of lifestyle habits that foster good health. The physician assesses risk factors and hereditary susceptibility to disease and makes appropriate interventions to avoid further harm and risk to the patient. The emphasis is on building health rather than on fighting disease. Because it is difficult to be healthy in an unhealthy world, it is the responsibility of both physician and patient to create a healthier environment in which to live.

SCOPE OF PRACTICE

The scope of practice of naturopathic physicians varies by jurisdiction. Once universally licensed in the U.S., naturopathic physicians have seen their laws sunset in many states over the past 50 years. Currently, twelve states, Puerto Rico, and four Canadian provinces license naturopathic physicians. Due to a resurgence of interest in naturopathic medicine,

nine additional states have naturopathic licensing bills before their legislature including California, New York, and Florida. Many jurisdictions regard NDs as primary care physicians and provide them with the scope of diagnostic and therapeutic privileges necessary to be the doctor first seen by the patient for general health care, for advice on keeping healthy, and for the diagnosis and treatment of acute and chronic conditions. In those jurisdictions in which NDs are not licensed, the scope of practice excludes the diagnosis and treatment of disease.

The naturopathic physician is defined by the U.S. Department of Labor as one who "Diagnoses, treats, and cares for patients, using system of practice that bases treatment of physiological functions and abnormal conditions on natural laws governing [the] human body: Utilizes physiological, psychological, and mechanical methods, such as air, water, light, heat, earth, phytotherapy, food and herb therapy, psychotherapy, electrotherapy, physiotherapy, minor and orificial surgery, mechanotherapy, naturopathic corrections and manipulation, and natural methods and modalities, together with natural medicines, natural processed foods and herbs and nature's remedies. Excludes major surgery, therapeutic use of x-ray and radium, and use of drugs, except those assimilable substances containing elements or compounds which are components of body tissues and are physiologically compatible to body processes for maintenance of life." Yet many states have broad drug formularies that allow NDs to prescribe drugs.

DIAGNOSTIC TECHNIQUES

NDs are trained in conventional diagnostic techniques such as physical exam, laboratory testing, differential diagnosis, x-ray and ultrasound imaging, and psychological assessment. In addition, NDs use specialized laboratory tests that assess physiological function, as well as other observational and physical techniques. NDs endeavor to identify disease states in the context of the individual's overall health.

THERAPEUTIC TECHNIQUES

The therapeutic forms used by NDs are described below. It should be noted that the state of Utah requires a one-year residency before licensing NDs. Like other physicians, recently graduated NDs are encouraged to seek additional clinical experience under the supervision of a licensed physician, in the form of residencies and mentorships.

Botanical Medicine: Many plant substances are powerful medicines. Where isolated chemically derived drugs may address only a single problem, botanical medicines are able to address a variety of problems simultaneously. When properly administered, most botanical medicines can be applied effectively with minimal chance of side effects.

Clinical Nutrition: Food is the best medicine and is a cornerstone of naturopathic practice. Many medical conditions can be treated more effectively with foods and nutritional supplements than they can by other means, with fewer complications and side effects. NDs use diet, natural hygiene, fasting, and nutritional supplementation in their practices.

Homeopathic Medicine: Homeopathic medicine is based on the principle of “like cures like.” Clinical observation indicates that it works on a subtle, yet powerful, energetic level, gently acting to promote healing on the physical, mental, and spiritual levels.

Mind/Body Medicine: Mental attitudes and emotional states may influence, or even cause, physical illness. Counseling, nutritional balancing, stress management, hypnotherapy, biofeedback, and other therapies are used to help patients heal psychologically.

Minor Surgery: Naturopathic physicians do in-office minor surgery, including repair of superficial wounds and removal of foreign bodies, cysts, and other superficial lesions.

Naturopathic Obstetrics/midwifery: Trained and certified NDs provide childbirth care in an out-of-hospital setting. They offer prenatal and postnatal care using modern diagnostic techniques combined with ancient midwifery wisdom. The naturopathic approach strengthens healthy body functions so that complications associated with pregnancy may be prevented.

Oriental Medicine: Within the ND program, Oriental medicine is a healing philosophy that is complementary to naturopathic medicine. Oriental medical theory offers an important understanding of the unity of the body and mind and adds to the Western understanding of physiology.

Physical Medicine: Naturopathic medicine has its own methods of therapeutic manipulation of soft tissue, muscles, bones, and spine. NDs also use ultrasound, diathermy, exercise, massage, water, heat and cold, and gentle electrical therapies.

Naturopathic practice also includes the use of any medical substances which contain elements that are components of bodily tissues or can be utilized by the body for the maintenance of life and the repair of tissues. The current scope of practice excludes major surgery and the use of many synthetic drugs.

“Scope of practice” is specifically defined by the legislation in the various states and provinces that license or regulate naturopathic medicine, and practice varies significantly among states, provinces, and countries.

ND PROGRAM OF STUDY

The ND degree course of study at NCNM is an intensive four-year doctoral program that prepares candidates for national (NPLEX) and state board licensing examinations and the general practice of naturopathic medicine. Upon graduation, alumni are eligible to sit for board examinations in states and provinces that license naturopathic physicians. The core, or required, curriculum provides the foundation and skills necessary for naturopathic family practice.

First year comprises the study of the normal structure and function of the body with a solid introduction to naturopathic theory, philosophy, and therapeutics.

Second year focuses on the study of disease and diagnosis with the beginning of the botanical, therapeutic manipulation, clinical nutrition, and homeopathic medicine sequences. To enter into the clinical training of the third year, students must pass all basic sciences and diagnostic courses as well as a clinic entrance examination (Graduate Proficiency Assessment 1).

Third year continues with focus on the botanical, manipulation, clinical nutrition, and homeopathic medicine sequences, begins the organ systems courses (which emphasize case management), and gives major emphasis to clinical training. Students must pass a clinical primary status exam (Graduate Proficiency Assessment 2) to proceed in the clinic.

Fourth year continues the organ systems courses. The major focus of the fourth year is practical clinical training, working side by side with licensed physicians caring for patients. A clinic proficiency exam (Graduate Proficiency Assessment 3) ensures clinical competency prior to graduation.

Because the program is rigorous and the course load heavy, students may choose to complete the ND degree in five rather than four years. In some cases, students may be required to be in the five-year track. The student may take no more than seven years to complete the ND program.

ND COURSE DESCRIPTION

BASIC SCIENCES

The basic science courses involve an in-depth study of the structure and function of the human body from the gross anatomical to the microscopic and molecular levels.

BAS 410/420 Musculoskeletal Anatomy I, II (4 credit hours lecture)

The lecture sequence in the fall and winter terms covers the anatomy of the muscular, skeletal, vascular, and nervous elements of the extremities, spinal column, and skull.

Prerequisites: BAS 410 for BAS 420

BAS 411/421/431 Gross Anatomy Laboratory I, II, III (1 credit hour)

This is a three-term course in which students participate in human cadaver dissection as an aid to learning and remembering the interrelationships of the parts of the human body.

Prerequisites: concurrent enrollment in BAS 410 and 420

BAS 412/422/432 Organ Systems Anatomy and Physiology I, II, III (6 credit hours lecture fall and winter, 7 credit hours lecture in spring)

This year-long sequence is an in-depth exploration of the anatomy, physiology, and development of the internal organ, endocrine, and central nervous systems.

Prerequisites: BAS 412 for BAS 422, BAS 422 for 432

BAS 414 Medical Histology (3 credit hours lecture, 1 credit hour lab)

Microscopic anatomy of all major body tissues, including an introduction to histopathology, is covered in this lecture course and lab.

BAS 417/427/437 Cellular Systems I, II, III (9 credit hours lecture, plus 0.5 credit per term for 3 terms of discussion/recitation)

These courses cover biochemical structures and pathways of metabolism including the role of vitamins and minerals; the basic functions of the immune system with emphasis on its role in protecting against microbial infections and tumors; and immune deficiency states, autoimmunity, and psychoneuroimmunology.

Prerequisites: BAS 417 for BAS 427 and BAS 427 for BAS 437

BAS 418/428/438 Basic Science Clinical Correlations I, II, III (3 credit hours lab)

This year-long sequence explores how the basic sciences of anatomy, physiology, and biochemistry are used to understand actual clinical cases. The format is a combination of case presentations and small group discussion. Students learn to research cases in the medical literature.

Prerequisites: concurrent enrollment in BAS 412/422/432

BAS 419/429/439 Microbiology and Public Health (6 credit hours lecture)

This course covers infectious diseases, microbial structure and function, and the normal flora and common pathogens of the body. The course also includes the etiology, epidemiology, prevention, and control of communicable diseases from the public health

point of view. Special emphasis is placed on how the practitioner interacts with public health agencies.

BAS 434 Research & Statistics (2 credit hours lecture)

Upon completion of this course, students will be able to read medical research material and critically assess clinical studies.

BOTANICAL MEDICINE

The botanical courses provide extensive training in the use of plant medicines in naturopathic practice, including their prescription, manufacture, and field recognition. NCNM has a medicinary that stocks 150 different herbal tinctures and 100 dry herbs. In addition to courses focused specifically on botanical medicine, the ND program integrates botanical treatment in clinical science courses (endocrinology, cardiology, gynecology, urology, dermatology, oncology, neurology, etc.)

Elective: BOT 440E, 441E, 442E Northwest Herbs I, II, III (6 credit hours lecture/lab/field trips)

These elective courses cover local plant identification, ethical harvesting, drying techniques, and preparation of herb tinctures, oils, salves, and many other therapeutic preparations. Traditional, historical, and scientific use of plants are explained. Students are encouraged to develop an appreciation for plants that is not limited to seeing them as medicinal agents. Each term includes outdoor field trips to enhance the plant study.

BOT 520/530/610 Botanical Materia Medica I, II, III (3 credit hours lecture winter, 2 credit hours lecture spring, 3 credit hours lecture fall)

These sequential courses comprise a detailed survey of plants and plant preparations used in naturopathic practice, integrating traditional herbal knowledge with modern pharmacological research. The pharmacognosy, pharmacodynamics, toxicology, and therapeutics of each plant are considered. The coursework begins with an intensive on medicinal plant chemistry and follows with a focus on organ systems—the pathologies, the herbal treatments, and practical case presentation and workshops on case management and prescribing herbal formulas.

Prerequisites: concurrent enrollment in CLS 520/530

Elective: BOT 620E/630E Advanced Botanical Materia Medica I, II (6 credit hours lecture)

These elective courses build on the required botanical materia medica classes. Studies include additional and less commonly used plant medicines and creation of botanical formulas for various disorders. There is also time to explore, in more depth, plant energetics, the most recent research on botanical medicines, as well as the spiritual and metaphysical aspects of herbs.

CLASSICAL CHINESE MEDICINE

Two courses (CCM 510 and 520) in classical Chinese medicine are required for the ND program. These courses focus on classical principles that provide a foundation for

understanding Chinese medicine and may be integrated into naturopathic medical practice. CCM 535 and 536 are available to ND students as electives.

CCM 510 Classical Chinese Medicine Theory I (3 credit hours lecture)

This course introduces the conceptual parameters of classical Chinese medicine, specifically the concepts of holism (heaven, human, and earth), duality (yin and yang), dynamism (five phases), and spiritual materialism (*jing, qi, shen*). Upon completion, students will be able to recognize the multidimensional nature of Chinese medical discourse and read through the field's literature critically. They will understand that Chinese medicine is a system of thought and will be introduced to the theoretical concepts used in clinical diagnosis and treatment.

Prerequisites: second-year status

CCM 520 Classical Chinese Medicine Theory II (3 credit hours lecture)

Elective: CCM 535 III Pathology (2 credit hours lecture)

Elective: CCM 536 III Diagnostic Modalities (2 credit hours lecture)

These courses are designed to apply the universal concepts of traditional Chinese thought and cosmology to the microcosm of the human body. The courses will convey a broad introduction to the major systems of Chinese diagnosis, particularly the organ network (*zangfu*) and six confirmation (*liujing*) approaches. Upon completion, students will be able to observe facial color, tongue, hair, nails, body fluids, pulse, etc., and make a basic analysis according to the diagnostic parameters of classical Chinese medicine.

Prerequisites: CCM 510, CCM 535 concurrent for CCM 536.

Elective: CCM 500E/502E/ 503E Qigong Supplement I, II (2 credit hours lecture)

This series of elective courses supplements the introductory classes of Chinese medical theory. Each course provides an experiential setting where the base concepts of Chinese medicine, such as *yin-yang, qi, jing-qi-shen*, heaven and earth, and the unique nature of the Chinese organ systems can be known in a holistic way. Both courses consist of the introduction and practice of ancient cultivation exercises, such as movement, breath work, and chanting.

NATUROPATHIC CLINICAL EDUCATION

CLE 430, CLE 520/530, CLE 710/711/712/713/714/715,

CLE 812/813/814/815/816/817/818/819/820/821/822/824/825, CLE 972

Students gain practical clinical skills by working under the supervision of licensed naturopathic physicians, both in NCNM's primary teaching clinic and at other health care facilities. Students begin learning through observation and gradually gain more responsibility for patient care. All patient care is under the direct supervision of licensed physicians.

Requirements for the completion of the clinical practicum include 1,200 clock hours of direct patient contact with a minimum of 500 patient contacts, demonstrated competence in specific clinical skills, and the guidance and assessment of the clinic staff in clinical skills, knowledge, judgment, professional and ethical behavior, and communication skills.

Clinical experience begins during the summer after the first year. The role of first- and second-year students is chiefly technical: performing various hydrotherapy treatments. During the summer after the second year through the third and fourth years, students become part of the treatment teams that deliver primary care in the clinic. Each student spends the summer in clinic between the third and fourth years.

In addition to the minimum 1,200 hours of patient care, third- and fourth-year students attend Naturopathic Grand Rounds, in which clinical cases of interest to students and clinicians are presented. Clinical education includes academic courses and community service activities. As well, students attend medicinary, x-ray, and laboratory practicums.

Prerequisites: Prior to beginning third-year clinical training, students must pass the Secondary Clinic Entrance Examination and basic science courses. Prior to beginning fourth-year clinical training, students must also successfully complete a primary entrance exam (Graduate Proficiency Assessment 2) and third-year courses as defined in the Student Handbook to become a primary clinical student. These exams are traditionally given during the spring quarter.

ND PRECEPTORSHIP PROGRAM

The Preceptor Program provides students with opportunities to broaden and strengthen their clinical skills under the mentorship of licensed physicians in practice. To graduate, 264 hours of clinical field observation are required. A minimum of 145 hours are completed with a naturopathic physician, and the remaining 119 hours may be done with a variety of health care professionals, most commonly NDs, MDs, DOs, and DCs. Through preceptorship, students develop an awareness of varied clinical pathologies and learn such skills as doctor-patient communications, applications of therapeutic modalities, and the routine operation of a doctor's office or clinic.

CLINICAL NUTRITION

The nutrition courses are designed to give the physician a comprehensive knowledge of clinical nutrition. Students will learn to utilize diet and nutritional supplements to treat and prevent a wide variety of diseases.

NUT 530 Nutrition I (3 credit hours lecture)

This course provides the foundation for a working knowledge of the actions, recommended intake, and therapeutic uses of macronutrients (carbohydrates, fats, proteins) and micronutrients (vitamins, minerals, accessory nutrients). Dose, toxicity, and deficiency issues for each vitamin and mineral are also discussed.

Prerequisites: BAS 412/422/432, 417/427/431

NUT 611 Nutrition II (3 credit hours lecture)

This course explores diet and its relationship to health and disease. Course emphasis is on the health effects of different foods and special diets. Students will also develop skills in diet assessment and counseling.

Prerequisites: NUT 530

NUT 622/633 Nutrition III, IV (6 credit hours lecture)

These courses integrate Nutrition I and II's content and application in the clinical setting. Students learn to critically evaluate various nutritional therapies for the prevention and treatment of specific diseases. The courses provide an evidence-based approach to clinical nutrition, with an emphasis on dietary manipulation, vitamin and mineral supplementation, and the use of accessory nutritional factors.

Prerequisites: NUT 610

DIAGNOSTIC SCIENCE

The clinical science courses teach the knowledge and techniques necessary to understand and diagnose disease.

CLS 510/520/530 Clinical and Physical Diagnosis I, II, III (15 credit hours lecture)

In this sequence of courses, students integrate information presented in pathology to learn the diagnosis of disease. This includes the integration of medical history, physical examination, and laboratory testing appropriate for accurate medical assessment of each system in the body and their interrelationships.

Prerequisites: BAS 410/412/420/422/432, concurrent enrollment in CLS 512/522/532/542

CLS 510L/520L/530L Physical Diagnosis Lab I, II, III (3 credit hours lab)

These courses cover the practical portion of the physical diagnosis curriculum. Students are taught charting skills, patient history taking, and all aspects of the physical examination.

Prerequisites: Concurrent enrollment in CLS 510/520/530

CLS 512/522/532/542 Pathology I, II, III, IV (14 credit hours lecture)

These courses approach the study of disease through the pathological processes that apply to tissue in general, such as cell injury and death, inflammation, repair, and neoplasia. Diseases of each organ system, including causes, changes in tissue structure and function, and the clinical course of each condition, are studied. They include the mind/body connection, and nutrition as they relate to disease states.

Prerequisites: BAS 410/420, BAS 412/422, concurrent enrollment in BAS 432

CLS 513/523/533 Laboratory Diagnosis I, II, III (6 credit hours lecture, 1.5 credit hours lab)

This course sequence is coordinated with pathology and clinical and physical diagnosis. Students are taught indications for specific tests and evaluation of test results. In the lab portion of class, students learn medical laboratory techniques used in physician offices.

Prerequisites: BAS 417, 427, 419, 429, 439, 437; concurrent enrollment in CLS 510/520/530, CLS 512/522/532

CLS 514/524/534 Clinical Case Presentations I, II, III (3 credit hours discussion lab)

This course is a problem-based study of clinical cases that will encourage diagnostic thought processes for students, while illustrating important elements of pathology and clinical diagnosis and laboratory testing.

Prerequisites: BAS 432, concurrent enrollment in CLS 510L/520L/530L

CLS 516/526 Pharmacology I, II (6 credit hours lecture)

This course presents the principles of pharmacodynamics, including drug absorption, metabolism, distribution, excretion, and mechanism of action. Students are expected to classify and describe the pharmacodynamics, side effects, and therapeutic uses of drug prototypes from the contemporary drug classes. Special emphasis is given to drugs contained in the Oregon and other naturopathic formularies.

Prerequisites: BAS 417/427/437, BAS 432

CLS 614/624/634 Diagnostic Imaging I, II, III (2 credit hours fall term, 3 credit hours winter, 2 credit hours spring, lecture)

Students are taught the radiographic anatomy and findings of common disorders, with emphasis on differential diagnosis and clinical correlation. Students also learn about the operation of x-ray equipment and how to order imaging studies. Other basic methods covered are ultrasonography, nuclear medicine, computerized tomography, magnetic resonance imaging, and their proper use in diagnosis.

Prerequisites: BAS 432, CLS 510/520/530, CLS 512/522/532/542

CLS 621 Medical Genetics (2 credit hours lecture)

This course covers the basis, diagnosis, and transmission of genetic disorders. The role of genetics in congenital diseases, prenatal diagnosis of chromosomal disorders, and new techniques in human molecular genetics are emphasized.

Prerequisites: BAS 414, CLS 512/522/532

CLS 631 Environmental Medicine (2 credit hours lecture)

This course focuses on the health effects of pollutants in the environment and in the workplace. Students are taught how chemical substances and radiation affect the human organism and how to diagnose and treat the disease conditions that occur from these exposures.

Prerequisites: BAS 417/427/437, CLS 530/542

CLS 632 First Aid & Emergency Medicine (2 credit hours lecture/lab)

In this course, students are taught to recognize and respond to medical emergencies with conventional and naturopathic techniques, while making appropriate decisions for referral.

Prerequisites: CLS 510/520/530

Elective: CLS 640E Natural Pharmacology (2 credit hours lecture)

This course offers an in-depth look at evidence-based therapeutic interventions, ranging from diet and nutrition to botanical therapies. Students will be exposed to the latest scientific evidence in the field of natural medicine and will learn how to adjust individual

patient biochemistry in order to regain and sustain optimal wellness through maintenance of a physiologically balanced homeostasis.

Prerequisites: third-year status

Elective: CLS 643E The Liver in Health and Disease (2 credit hours lecture)

The course involves an in-depth study of hepatic pathophysiology and treatments of diseases including: hepatitis C, steatohepatitis, alcoholic liver disease, liver cirrhosis, liver cancer, and diabetes. Emphasis is put on interpreting laboratory results, understanding the psychophysiology of the liver, liver detoxification systems and their clinical applications, the basics of Chinese medicine perspectives on the liver, and the critical role a healthy liver plays in overall health.

Elective: CLS 644E Clinical Case Presentations IV (1 credit)

The course provides a forum for students to experience discussing and analyzing complex, multifactorial, and unusual cases. Students will create differential diagnoses and learn conventional and ND diagnostic tests and management strategies, and when to refer to a specialist. How to use intuition and mind/body medicine in the diagnosis and treatments of the disorders covered will also be included.

CLS 999 Thesis (1 credit)

This course is an independent study focusing on your thesis. You will be expected to progressively complete each phase of thesis development, research, and writing.

HOMEOPATHIC MEDICINE

NCNM has a tradition of excellence in homeopathic education. The focus of study is on classical homeopathy as taught by Hahnemann and Kent. The first five classes listed, Introduction to Homeopathy and Homeopathy I-IV, are required classes; Homeopathy V-VIII are electives.

HOM 510 Introduction to Homeopathy (2 credit hours lecture)

This course introduces students to the principles and philosophy of classical homeopathy. Students will learn about vitalistic medicine, the history of vitalism, the vital force in health and disease, the nature of medicines, and ways to affect the vital force.

Prerequisites: NPH 410, CLS 510

HOM 520 Homeopathy I (2 credit hours lecture)

This course serves as a continuation of Introduction to Homeopathy. Students will gain a greater depth of understanding of the concepts addressed in the previous class and begin the study of the essence, keynotes, and characteristics of the polycrest remedies.

Prerequisites: HOM 510

HOM 530 Homeopathy II (2 credit hours lecture)

As a result of this class, students will gain further understanding of constitutional homeopathy. Emphasis will be on case taking, case analysis, evaluation of remedy action, and the follow-up interview. Students will be able to assess and classify the remedy

reaction, will gain an understanding of *Kent's Repertory*, and will learn the arrangement, schema, and language of repertory. The study of the materia medica of the polycrest remedies continues.

Prerequisites: HOM 520

HOM 610 Homeopathy III (3 credit hours lecture)

Students will gain greater understanding of the use of *Kent's Repertory*, with emphasis on the mental and general sections. Students will gain greater knowledge of constitutional homeopathy, with emphasis on case analysis, the follow-up interview, evaluation of remedy action, and the second prescription. Study of the polycrest remedies continues.

Prerequisites: HOM 530

HOM 620 Homeopathy IV (3 credit hours lecture)

This course focuses on prescribing homeopathic remedies for acute ailments by using keynote symptoms and repertory.

Prerequisites: HOM 610

Elective: HOM 630E Homeopathy V (3 credit hours lecture)

For the discussed disease states, students will learn the most common symptoms and the related rubrics, the most common remedies indicated, and how to differentiate among them. Students will view and analyze cases being taken, observe patients of different "remedy types," match the symptoms of the patient with rubrics in *Kent's Repertory*, and study materia medica to find the most appropriate remedy. Students will understand the main indications and uses of discussed remedies.

Prerequisites: HOM 620

Elective: HOM 710E Homeopathy VI (3 credit hours lecture)

Upon the completion of this course students will know the most common symptoms and the related rubrics, as well as the most common remedies indicated and how to differentiate among them for the discussed disease states. Cardiovascular, neurological and musculoskeletal, and genitourinary (including sexual) problems are studied. Materia medica are presented in each area, along with differentials, important rubrics to consider, and the most prominent remedies for each condition. Cases are presented, taken, and analyzed. Remedies are prescribed.

Prerequisites: HOM 620

Elective: HOM 720E Homeopathy VII (3 credit hours lecture)

Upon completing this course, students will be able to describe the characteristic general and keynote symptoms, and major therapeutic indications for at least eight additional homeopathic remedies. Students will be able to give the symptom indications with remedy comparisons for at least ten remedies most often used for each of several common gastrointestinal and dermatological complaints. The student will be able to describe the uses, strengths, and weaknesses of various repertories and methods of repertorization. Also, they will be able to prepare potencies from crude substances.

Prerequisites: HOM 620

Elective: HOM 730E Homeopathy VIII (3 credit hours lecture)

Upon completion of this course, students will have learned the most important remedies in the treatment of the following conditions and will be able to differentiate and prescribe from among the leading remedies: anxiety disorder, arthritis, cancer, diabetes, eczema, gangrene, herpes zoster, insomnia, lumbago, multiple sclerosis, neuralgias, psoriasis, sciatica, suicidal tendencies, thyroid dysfunction, tumors, ulcers, and warts. Case analysis and patient management skills will be refined.

Prerequisites: HOM 620

MIND/BODY MEDICINE

The fundamental purpose of the curriculum is to provide students with the foundation necessary to successfully integrate the mind, body, and spirit in working with patients. With a special emphasis on recognizing and treating patients in the realms of emotional and mental health, students are provided the information and skills necessary to work with patients to offer a truly holistic approach.

PSY 420 Doctor/Patient Communication I (1.75 credit hours lecture/lab)

In this course students will begin developing specific counseling skills for interviewing and listening to their future patients. Areas addressed include concerns unique to specific patient populations such as adolescents, along with learning how to support patients in making healthy lifestyle changes. Significant time is given for discussion and small group work.

PSY 530 Stress Management (1 credit hour lecture)

This is a didactic and experiential course exposing students to the psychological and biological affects of stress on the individual. The course will allow students to identify methods of stress reduction for clinical practice as well as for going through medical school.

Prerequisites: none

PSY 610 Doctor/Patient Communication II (1.5 credit hours lecture/lab)

Material presented in this course is designed to strengthen students' skill and confidence in facing the challenges of primary care practice. Utilizing exposure to actual patients in class, as well as through videotaping exercises with actors, students gain vision and confidence in working with patients. Particular emphasis includes patients suffering from depression, suicidal thoughts, life-threatening disease, and addiction.

Prerequisites: third-year status

PSY 720 Counseling Techniques (2.5 credit hours lecture)

This course is designed to introduce students to a range of methods and techniques of counseling with an emphasis on the special needs of the holistic medical practice. Skill building will focus on strengthening a personal style of interviewing, identifying a clinical mental health orientation, conducting a comprehensive clinical interview with a mental health emphasis, and integrating counseling techniques with holistic approaches.

Prerequisites: PSY 420

PSY 722 Psychological Assessment (2.5 credit hours lecture)

This course covers topics in mental health and psychiatric medicine, including some of the more common diagnostic features in psychopathologic disorders. Emphasis is placed on recognizing and providing treatment for mental health states commonly found in naturopathic medical practices.

NATUROPATHIC OBSTETRICS/MIDWIFERY

The Obstetrics/Midwifery Program at the National College of Naturopathic Medicine is a synthesis of the philosophies of natural medicine and traditional midwifery. We strive to “be with” (midwife) each woman as her pregnancy progresses and “to stand before” (obstetrics) her reverently, acknowledging her strength and the indisputable wisdom of childbirth. As naturopathic physicians, we honor this wisdom of the body. As midwives, we honor birth as a natural process. With our dual training as naturopathic physicians and midwives, we are uniquely qualified to provide comprehensive health care for the woman and her family throughout their lives.

NCNM offers a specialty Certificate in Naturopathic Obstetrics/Midwifery. The program combines the principles of midwifery with naturopathic philosophy and treatment. Students are schooled in the natural process of pregnancy, labor, and birth, while also being trained in detection and management of unusual and emergency situations. Graduates of the program are uniquely prepared to provide for the safety of mother and infant and to provide continuing care for the new family.

Students intending to include natural childbirth in their practices must complete the entire didactic sequence of obstetric coursework to prepare themselves to manage pregnancy, childbirth, postpartum, and neonatal periods. Program coursework meets Oregon licensure requirements for the Certificate of Natural Childbirth and Washington State midwifery requirements. Individuals interested in practicing naturopathic midwifery in other areas should contact local governing agencies to inquire about requirements.

Students must be in good academic standing and apply for the clinical preceptorship program in their third year. Qualified applicants will be interviewed by the OB Selection Committee for entry into the obstetrics/midwifery certificate program. Those admitted to the program who successfully participate in/or manage 50 patients and successfully complete the obstetrics sequence while satisfying preceptorship requirements earn the Certificate in Naturopathic Obstetrics/Midwifery. Annual selection is limited by the availability of preceptorships; therefore, the OB Selection Committee may be unable to place all qualified applicants.

NCB 610 Natural Childbirth I (3 credit hours lecture)

This course prepares the naturopathic physician to provide health care appropriate to the special circumstances of pregnancy. Topics covered include diagnosis of pregnancy, initiating prenatal care, therapeutics for early pregnancy, management of miscarriage, infertility, referrals, overviews of normal labor and birth, and the postpartum care of

mothers and infants. The student is prepared to screen for risks and to offer clients informed choices related to hospital or out-of-hospital birthing options.

Prerequisites: CLS 510/520/530, CLS 510L/520L/530L, CLS 512/522/532/542, CLS 513/523/533

Elective: NCB 620E Natural Childbirth II (3 credit hours lecture)

This course initiates specialty training in naturopathic obstetrics. The emphasis is on the role of prenatal care in assessing and assisting the maintenance of well-being for mother and fetus. Screening skills introduced in Natural Childbirth I are refined and expanded. Complications of pregnancy are studied along with the continuum of appropriate treatment possibilities, ranging from naturopathic therapeutics to referral for high-risk cases.

Prerequisites: NCB 610

Elective: NCB 630E Natural Childbirth III: Labor and Delivery (3 credit hours lecture)

This course prepares students to provide support and safety to the birthing family through labor and the emergence of the new baby. Films of normal labor and birth are used to enhance lectures on the techniques of monitoring the fetal/maternal condition and the progress of the labor. Complications of labor and birth are examined, and the hands-on skills required for response to those situations are discussed and demonstrated.

Prerequisites: NCB 610

Elective: NCB 710E Natural Childbirth IV: Postpartum Management (3 credit hours lecture/lab)

This course begins with the third stage of birth, delivery of the placenta, and concludes with the six weeks of postpartum. The effects of the resolution of pregnancy and the beginning of motherhood on a woman's body, mind, and spirit are studied. Students are taught practical skills such as perineal repair, bladder catheterization, IV insertion, blood loss estimation, management of postpartum hemorrhage, and breast-feeding support, as well as an appreciation for the dynamics of personal and familial transition during this period.

Prerequisites: NCB 610

Elective: NCB 720E Natural Childbirth V: Neonatology (3 credit hours lecture/lab)

This course educates both the naturopathic physician and the ND obstetrical specialist on case management of the mature fetus and newborn to 12 weeks of age. Lectures include a review of fetal development from 34 weeks gestation, transition anatomy-physiology in the neonate, normal newborn assessment, screening/treatment for newborn anomalies, and neonatal resuscitation.

Prerequisites: NCB 610, NOS 632

Elective: NCB 730E Natural Childbirth VI: Special Topics in Natural Childbirth (2 credit hours lecture/lab)

This seminar provides students with the opportunity to research topics of special interest and share information with colleagues. Topics presented by the course instructors include

developing childbirth education classes, counseling and grief in pregnancy loss, and adoption. Additionally, this course covers water births, working with related social agencies, and intubation training.

Prerequisites: NCB 610

Elective: NCB 740E Natural Childbirth VII: Legal Aspects of Obstetrics/Midwifery
(1 credit hour lecture)

Medical, legal, and malpractice issues are discussed with respect to different states, as well as requirements for licensure.

Prerequisites: NCB 610

NATUROPATHIC PHILOSOPHY AND PRACTICE

These courses provide the historical, philosophical, legal, and practical aspects of naturopathic practice. The philosophy courses are introductions to the theoretical basis of naturopathic medicine. Although all courses at NCNM are based on the naturopathic philosophy, these courses offer an in-depth understanding of the foundation upon which naturopathic medicine is built.

NPH 410/420/430 Naturopathic Medical Philosophy & Therapeutics I, II, III
(6 credit hours lecture/discussion)

These lecture and discussion courses integrate the philosophical basis of naturopathic medicine and the role of the naturopathic physician in today's world. Students will examine the development of naturopathic philosophy, discuss the principles of natural healing, and examine naturopathic therapeutic systems and their relationships to the underlying philosophy.

NPH 531 Naturopathic Medical Ethics (1 credit hour lecture)

This is an interactive course that explores ethical principles universal in all branches of medicine, while examining the ethical principles unique to naturopathic medicine.

Material presented includes ethical issues generated by students themselves as well as case studies and information provided by the Oregon Board of Naturopathic Examiners.

NPH 723/733 Business/Practice Seminar I, II (4 credit hours lecture/discussion)

These courses focus on the development of a business plan, and emphasize the knowledge and skills necessary to formulate one. Also discussed are financial management, organizing an office, hiring personnel, etc.

Prerequisites: third-year status

NPH 731 Medical Jurisprudence (1 credit hour lecture)

This course surveys medical health care law as it applies to naturopathic physicians. This includes licensing and regulations, reporting, informed consent, confidentiality, advance directives, HIPAA, malpractice, and provider services agreements.

Prerequisites: fourth-year status

NATUROPATHIC CLINICAL SCIENCES

These courses present the naturopathic perspective on diagnosis, prevention, and treatment of disease by system and region. They integrate multiple treatment forms, and the principles of naturopathic philosophy, into case management, along with criteria for referral.

NCS 613 Gynecology (3 credit hours lecture)

This course focuses on the diagnosis, management, and treatment of gynecological problems. Students will learn evidence-based, effective naturopathic treatment protocols. Criteria for referral to specialist and integration of naturopathic medicine with conventional medicine are also covered.

Prerequisites: CLS 510/520/530

NCS 615 Gynecology Lab (1 credit hour lab)

This laboratory course teaches examination and procedures associated with gynecological diagnosis and treatment.

Prerequisites: NOS 613, or NOS 613 concurrently

NCS 630 Cardiology (3 credit hours lecture)

This course focuses on pathophysiology, diagnosis, and treatment of conditions affecting the heart, circulatory system, and lungs. Students are taught to assess and treat common conditions and to refer effectively when necessary.

Prerequisites: CLS 510/520/530

NCS 632 Pediatrics (3 credit hours lecture)

This course focuses on a thorough review of physical examination, recognition of normal variations, and diagnosis of the pediatric conditions encountered in a general family practice. Appropriate use of referral is stressed, along with the therapy and management of disorders. Guest lecturers discuss their specialty areas.

Prerequisites: CLS 510/520/530

NCS 699E Advanced Pediatrics (2 credit hours lecture)

This course takes an in-depth look at the care and management of children. In-office management of common pediatric illnesses and complaints, how to deal with parents and other caregivers, understanding children's particular needs in medical situations, handling pediatric referrals and emergencies, and recognizing developmental milestones will be discussed in detail.

NCS 710 Eyes, Ears, Nose & Throat (2 credit hours lecture)

Upon completion of this course, students will have the skills required for diagnosing, treating, and referring common and dangerous ophthalmologic and otolaryngeal problems. Emphasis is placed on integrating naturopathic therapeutics as they are informed by naturopathic philosophy and evidence-based medicine.

Prerequisites: CLS 510/520/530

NCS 711 Dermatology (2 credit hours lecture)

This course emphasizes the diagnosis of common and serious skin lesions. The principles of nonsuppressive and curative therapies are discussed, as are conventional medical treatments.

Prerequisites: CLS 510/520/530, CLS 512/522/532/542

NCS 712 Endocrinology (2 credit hours lecture)

This course focuses on the complex interactions of the body's hormonal systems and the causes and effects of metabolic and hormonal imbalance. Diagnosis and treatment of common endocrine disorders are presented.

Prerequisites: CLS 510/520/530, CLS 512/522/532/542, CLS 513/523/533

NCS 714 Geriatrics (1 credit hour lecture)

This course covers the process of aging and the psychosocial and physical problems of older people. Diagnostic and therapeutic techniques are discussed. Emphasis is placed on preventing, reversing, or retarding degenerative changes and on maximizing health.

Prerequisites: CLS 510/520/530

NCS 720 Neurology (2 credit hours lecture)

This course covers the basic neurological exam, diagnosis, management, and naturopathic and conventional treatment of diseases of the nervous system. Appropriate collaboration with specialists is stressed.

Prerequisites: CLS 510/520/530

NCS 721 Urology (2 credit hours lecture)

This course covers the naturopathic and conventional diagnosis and treatment of diseases affecting the urinary tract and the male genital system.

Prerequisites: CLS 510/520/530

NCS 723 Proctology (1 credit hour lecture)

This course teaches students the diagnosis, assessment, and treatment of conditions of the anus and rectum. The use of office surgical techniques is emphasized.

Prerequisites: CLS 510/520/530, PHM 631

NCS 725 Oncology (2 credit hours lecture)

This course covers diagnostic, etiologic, prognostic, preventive, and epidemiologic information for cancers of common sites. Conventional, alternative, and innovative approaches are discussed.

Prerequisites: CLS 510/520/530

NCS 732 Gastroenterology (2 credit hours lecture)

This course concentrates on the disorders of the digestive tract and associated organs. Physical exam, lab and x-ray studies, management and treatment of GI diseases, as well as optimization of digestive function are explored through lecture and case discussions.

Prerequisites: CLS 510/520/530, CLS 512/522/532/542

PHYSICAL MEDICINE

The physical medicine curriculum leads students to understand the relationships between structural distortion and physiological dysfunction. Techniques and procedures for assessment and treatment are taught. These techniques are widely varied in their directness, intensity, origin, and conceptual framework.

PHM 412 Hydrotherapy (2 credit hours lecture/lab)

This is a combined lecture/lab course covering the principles and procedures of using water for healing. Students learn procedures by administering and receiving treatments.

Prerequisite: NPH 410

PHM 416/426 Palpation Lab I, II (2 credit hours lab)

In this lab course, students are taught surface anatomy and palpation techniques. The course is structured to allow for supervised hands-on practice in class. Students practice palpation on each other. This course solidifies the knowledge learned in Musculoskeletal Anatomy and prepares the student for courses in Physical Diagnosis, Orthopedics, and Naturopathic Manipulative Therapies.

Prerequisites: concurrent enrollment in BAS 410/420

Elective: PHM 401E Bodywork I: Massage Foundations (1 credit hour lab)

Bodywork I is the foundation course for Bodywork II and III. It teaches the basic language and strokes of Swedish massage. Students learn by giving and receiving treatments in supervised hands-on classes.

Elective: PHM 402E Bodywork II: Advanced Massage (1 credit hour lab)

Bodywork II covers advanced massage techniques, including trigger point work and therapeutic touch. Students learn by giving and receiving treatments in supervised hands-on classes.

Prerequisites: PHM 401E

Elective: PHM 403E Bodywork III: Energy Work (1 credit hour lab)

Bodywork III teaches students to open, become sensitive to, and develop their energy work. This is taught in several ways, including subtle energy techniques and the vocabulary of energy. Respect for personal boundaries is emphasized.

Prerequisites: PHM 401E

Elective: PHM 510E Colonic Hydrotherapy (1 credit hour lecture)

This course explores the history, use, and effectiveness of colonic hydrotherapy. Students will learn indications, contraindications, treatment protocols, and supportive therapies.

Prerequisites: BAS 430/432

PHM 511/521 Physiotherapy I, II (1 credit hour lab)

This lab course covers the physics, physiology, indications, contraindications, and practical application of the major physiotherapy modalities. Students learn when and how to apply electrical stimulation, ultrasound, hot and cold, phototherapy, and vibration

to bring a patient's physiology into balance. Students learn to apply these modalities by practicing on each other in supervised hands-on labs.

Prerequisites: PHM 512/522

PHM 512/522 Office Orthopedics I, II (1 credit hour lab)

This combined lecture/lab course explores the identification and diagnosis of neuromusculoskeletal conditions. Palpation skills are integrated with history-taking and physical examination procedures. The course emphasizes critical clinical thinking and diagnosis. Students learn by practicing on each other in supervised hands-on labs.

Prerequisites: PHM 416/426, BAS 410/420/430

PHM 515E/516E/517E/518E/519E Somatic Re-Education I, II, III, IV, V

(1 credit hour per term)

Somatic Re-Education is an interactive approach to human learning that uses touch and movement to bring about improved cognitive and physical abilities. This gentle, noninvasive approach to physical medicine provides an alternative for working with patients for whom traditional manipulation is not an optimal procedure.

Prerequisites: none

PHM 520/530/610/640 Naturopathic Manipulative Therapeutics I, II, III, IV (1 credit hour lecture per term)

This series of lecture courses refines, integrates, and expands upon the concepts and procedures of Palpation, Hydrotherapy, Physiotherapy, Office Orthopedics, and the Naturopathic Manipulative Therapies Labs. Emphasis is on the physiology of neuromusculoskeletal injury and dysfunction, and on the physiologic effects of manual therapies. Students gain the tools needed to critically evaluate physical medicine modalities.

Prerequisites: PHM 416/426, CLS 510/520, PHM 512/522, concurrent enrollment in CLS 530

PHM 520L/ 530L/ 610L/ 640L/ 650L Naturopathic Manipulative Therapeutics Labs I, II, III, IV, V (1 credit hour lab per term)

Students learn to assess and treat soft-tissue and joint dysfunctions using gentle, effective, efficient techniques. These techniques are drawn from osteopathic and chiropractic sources, and are based on the most advanced models and understanding of soft-tissue and joint dysfunctions. Students learn by assessing and treating each other during supervised hands-on practice with an emphasis on safety.

NMT I: Thoracic spine and ribs

NMT II: Lumbar spine and pelvis

NMT III: Cervical spine

NMT IV: Upper and lower extremity

NMT V: Review and correlation

Prerequisites: PHM 416/426, CLS 510/520, PHM 512/522, concurrent enrollment in CLS 530

PHM 621/631 Minor Surgery I, II (5 credit hours lecture/lab)

These courses teach students to diagnose conditions that are safely treated by surgery in the office, and the principles and practical techniques involved in the performance and follow-up of office surgical procedures.

Prerequisites: CLS 510/520/530

PHM 630 Exercise Therapeutics (1 credit hour lab)

Students learn the principles of using exercise as a preventive and therapeutic tool.

Students are taught to perform fitness assessments, help patients set goals, and prescribe exercise programs.

Prerequisites: BAS 412/422/432, BAS 417/427/437, CLS 510/520/530

Elective: PHM 699E Nature Cure (2 credit hours lecture)

This class emphasizes the essence of natural medicine as taught by the founding naturopathic doctors. Students will practice water and herbal therapies, poultices, Cayce treatments, and more on themselves and each other. There are opportunities to experience an internal cleansing/detoxification, learn practical applications, and hear case experiences of natural, safe remedies.

Elective: PHM 710E IV Therapy (1.75 credit hours lecture/lab)

Students learn the basic clinical rationale for IV therapy, how to treat complications and handle common emergencies that can occur during IV therapy, and successful IV catheter insertion.

Elective: PHM 740E Advanced Minor Surgery (3 credit hours)

Upon completion of this course, students will have a broader knowledge of surgical procedures, treatment, and follow-up. Various new suturing techniques will enable them to handle a wider variety of cases.

Prerequisites: PHM 621/631

ND RESIDENCY PROGRAM

At the end of the four-year program, NDs can become licensed and practice once they pass NPLEX board exams and complete state licensure requirements. However, there are increasing opportunities for further clinical education in the form of naturopathic residencies. NCNM leads the profession in developing the first and largest residency program certified by the Council on Naturopathic Medical Education (CNME).

Currently, residency placement is a highly competitive process. In addition to completing a Doctorate of Naturopathic Medicine from an accredited institution, candidates must demonstrate professionalism, maturity, commitment to serve, excellent clinical abilities, and an aptitude for enhancing their clinical skills.

NCNM is committed to assisting the profession in developing an adequate number of resident opportunities to allow the graduates of all accredited naturopathic degree programs to participate in a residency. A matching program to coordinate students with residency opportunities, under the auspices of the American Association of Naturopathic Medical Colleges, is in the development stage. For the most current information we suggest you check our web site at www.ncnm.edu.

November 14, 2003	2004-2005 residency application available.
January 16, 2004	Application deadlines for first-year residency positions: 5:00PM PST.
January 23, 2004	Notification confirming eligibility and providing instructions for interview process.
February 2, 2004	Scheduling of interviews begins for on-site residencies.
March 31, 2004	Completion of first-year residency interviews.
April 2, 2004	Initial Offer Letters sent to selected candidates.
April 16, 2004	Deadline for signed Statement of Intent by candidates accepting residency positions: 5:00PM PST.

ND CURRICULUM

ND YEAR ONE CURRICULUM								
FALL	credits	WINTER	credits	SPRING	credit	SUMMER	credit	
M-S Anatomy I	2	M-S Anatomy II	2	Pathology I	3	KEY: 1 credit = 1 hour classroom or 2 hours laboratory or 2 hours clinic		
Anatomy Lab I	1	Anatomy Lab II	1	Anatomy Lab III	0.5			
Organ Systems I	6	Organ Systems II	6	Organ Systems III	7			
Cellular Systems I	3	Cellular Systems II	3	Cellular Systems III	3			
Cell Systems Tut. I	0.5	Cell Systems Tut. II	0.5	Cell Systems Tut. III	0.5			
Micro & Public Health	2	Palpation Lab I	1	Palpation lab II	1			
BS Clinic Correlate I	1	Doctor/Patient Commun. I	1	Micro & Public Health	2			
Nat Med Philos I	2	Dr/Pt Communications Lab I	0.75	Intro to Clinic	0.5			
Medical Histology	3	Micro & Public Health	2	Stress Management	1			
Medical Hist Lab	1	Hydrotherapy & Lab	2	Med Ethics	1			
Research & Statistics	2	BS Clinic Correlate II	1	BS Clinic Correlate III	1			
		Nat Med Philos II	2	Nat Med Philos III	2			
TOTAL CREDITS	23.5	TOTAL CREDITS	22.25	TOTAL CREDITS	22.5			
ND YEAR TWO								
FALL	credits	WINTER	credits	SPRING	credits	SUMMER	credits	
Pathology II	4	Pathology III	3	Pathology IV	4			
Clin/Phys Dx I	5	Clin/Phys Dx II	5	Clin/Phys Dx III	5			
Clin/Phys Dx Lab I	1	Clin/Phys Dx Lab II	1	Clin/Phys Dx Lab III	1			
Pharmacology I	3	Pharmacology II	3	Nutrition I	3			
Chinese Medicine I	3	Chinese Medicine II	3	Lab Dx III	2			
Intro to Homeopathy	2	Clinical Case Pres II	1	Lab Dx Lab III	0.5			
Office Orthopedics I	1	Homeopathy I	2	Clinical Case Pres III	1			
Lab Dx I	2	Office Orthopedics II	1	Homeopathy II	2			
Lab Dx Lab I	0.5	Botanical Materia Medica I	3	Nat Manipulation I	1			
Clinical Case Pres I	1	Lab Dx II	2	Nat Manip Lab I	1			
Clin Rot 1: Hydro/Mass	1.5	Lab Dx Lab II	0.5	Botanical Materia Medica II	2			
		Clin Rot 2: Hydro/Mass	1.5	Clinic Education	1			
TOTAL CREDITS	24	TOTAL CREDITS	26	TOTAL CREDITS	23.5			
ND YEAR THREE								
FALL	credits	WINTER	credits	SPRING	credits	SUMMER	credits	
Nutrition II	3	Business Practice I	2	Diagnostic Imaging III	2	Clinic Xray Practicum	1	
Nat Manipulation II	1	Diagnostic Imaging II	3	Nutrition IV	3	Clinic Senior Lab Post	0.5	
Nat Manipulation Lab II	1	Nutrition III	3	Nat Manipulation IV	1	Clinic Primary I	2	
Homeopathy III	3	Nat Manipulation III	1	Nat Manipulation Lab IV	1	Clinic Primary II	2	
Botanical Materia Medica III	3	Nat Manipulation Lab III	1	Minor Surgery II w/lab	2.5	Clinic Primary III	2	
Gynecology	3	Homeopathy IV	3	Gynecology Lab	1	Preceptor I-VI	11	
Natural Childbirth Gen. Pract	3	Minor Surgery I w/lab	2.5	Pediatrics	3	Clinic Community Service	1	
Physiotherapy I w/lab	1	Gastroenterology	2	First Aid & Emergency Med	2			
Diagnostic Imaging I	2	Physiotherapy II w/lab	1	Cardiology	3			
Clinic Education	0.5	Doctor/Patient Commun. II	1	Clinic Secondary V	2			
Grand Rounds	0.5	Dr/Pt Communications Lab II	0.5	Clinic Secondary VI	2			
Clinic Lab Practicum I	0.5	Clinic Secondary IV	2	Grand Rounds	0.5			
Clinic Secondary I	2	Grand Rounds	0.5	Clinic Lab Practicum III	0.5			
Clinic Secondary II	2	Clinic Lab Practicum II	0.5	Clinic Education	0.5			
		Clinic Medicinary Practicum	1					
		Clinic Education	0.5					
		Clinic Secondary III	2					
TOTAL CREDITS	25.5	TOTAL CREDITS	26.50	TOTAL CREDITS	24.0	TOTAL CREDITS	19.5	
ND YEAR FOUR								
FALL	credits	WINTER	credits	SPRING	credits	SUMMER	credits	
Psychological Assessment	2.5	Counseling Techniques	2.5	Business Practice II	2			
EENT	2	Neurology	2	Medical Genetics	2			
Environmental Medicine	2	Urology	2	Jurisprudence	1			
Dermatology	2	Endocrinology	2	Oncology	2			
Geriatrics	1	Proctology	1	Clinic Primary X	2			
Exercise Therapeutics	1	Clinic Primary VII	2	Clinic Primary XI	2			
Nat Manipulation Lab V	1	Clinic Primary VIII	2	Clinic Primary XII	2			
Clinic Primary IV	2	Clinic Primary IX	2	Grand Rounds	0.5			
Clinic Primary V	2	Grand Rounds	0.5	Clinic Education	0.5			
Clinic Primary VI	2	Clinic Education	0.5	Clinic Primary XIII	2			
Grand Rounds	0.5	Thesis	1					
Clinic Education	0.5							
TOTAL CREDITS	18.5	TOTAL CREDITS	17.5	TOTAL CREDITS	16.0	Program Total	289.25	

MASTER OF SCIENCE IN ORIENTAL MEDICINE

CHINESE MEDICINE AS EXPLAINED BY THE CLASSICS

The antiquity, beauty, and efficacy of Chinese medicine have drawn Western scholars for generations. As modern China sought credibility for its age-old system of medicine, and as Westerners have striven to understand it within their own scientific context, each has emphasized only select pieces from the rich tapestry of Chinese medicine.

In contrast, the MSOM degree program at National College of Naturopathic Medicine emphasizes the holistic spirit of the classic teachings of Oriental medicine. This 253.25 credit-hour, 3,714-hour academic and clinical program, taught over four years, was developed and is taught by practitioners trained in China. Delving into the history and philosophy of this challenging system of thought, one will find that it combines the art and science of a medicine developed over millennia. This course of study will take you outside the Western concept of science into an approach that integrates the systematic and intuitive aspects of medicine while remaining observable and reproducible.

The classical Chinese medicine approach is especially suited to give new insights into the treatment of difficult and recalcitrant diseases. By bringing the legacy of an independent medical system into modern Western practices, our program is specifically designed to inspire the struggle with chronic diseases that are difficult to cure or even diagnose.

HISTORY OF THE MASTER OF SCIENCE IN ORIENTAL MEDICINE

Historically, it has been the didactic direction of the College to emphasize the “classical” traditions of naturopathic medicine and homeopathy. The academic backgrounds of the Department Chair and all core faculty members are distinguished by extensive training in the classical tradition of Oriental medicine. The mission statement of the Classical Chinese Medicine (CCM) program was designed to include several items that specifically define its traditional orientation.

MISSION OF THE MASTER OF SCIENCE IN ORIENTAL MEDICINE

The mission of the Master of Science in Oriental Medicine degree program is to educate students to become health care professionals in the practice of Oriental medicine as illustrated by the classics. Above all, the program is intended to impart to its students the holistic spirit of Oriental medicine.

Specifically, through the MSOM coursework, the program seeks to accomplish the following:

- Instruct health care practitioners in the art and science of Chinese medicine.
- Immerse students in the culture of Chinese medicine by combining emphasis on scholarly erudition and attention for multi-layered detail with the “atmosphere”- inspiring aspects of holistic life science.
- Cultivate respect for Oriental medicine as an independent science that has its own parameters and does not require validation by other scientific systems.

- Honor the philosophical precepts that are shared by naturopathic medicine and classical Chinese medicine—belief in the healing power of nature, focus on identifying the root causes of disease, and treatment of the person as a multifaceted entity.
- Foster awareness of the historical development of Oriental medicine, including knowledge of the major schools of Chinese medical thought.
- Present Oriental medicine as a renaissance-style art that is embedded in and closely related to other traditional arts and sciences.
- Educate students to effectively treat disease, especially chronic and recalcitrant disorders, by training them broadly and equally in all major modalities of Oriental medicine, while at the same time affecting them to acquire a distinguishing sense regarding the clinical situation under which each of these modalities should be applied.

EDUCATIONAL OBJECTIVES OF THE MSOM PROGRAM

The program seeks to educate students in the practice of Oriental medicine as illustrated by the classics and to share the holistic spirit of Oriental medicine. Specifically, through the MSOM coursework and training, graduates will be able to do the following:

- Diagnose according to the traditional parameters of Oriental diagnosis.
- Master the theory and practice of the main modalities of Chinese medicine.
- Acquire a distinguishing sense regarding the clinical situations under which each of them should be applied.
- Engage in scholarly discourse regarding the nature and origin of Chinese medicine.
- Work cooperatively with other health care practitioners for optimal patient care.

MSOM COURSE DESCRIPTION

BASIC AND CLINICAL SCIENCES

The following courses within the MSOM program are also offered within the Doctor of Naturopathic Medicine (ND) degree program. Please see the ND section of the catalog for course descriptions.

Basic Sciences:

BAS 410/420 – Musculoskeletal Anatomy I, II with labs
 BAS 412/422/432 – Organ Systems Anatomy and Physiology I, II, III
 BAS 417/427/437 – Cellular Systems I, II, III with Tutorials
 BAS 419/429/439 – Microbiology & Public Health

Clinical Nutrition:

NUT 530 – Nutrition I

Clinical Science:

CLS 510/520/530 – Clinical and Physical Diagnosis I, II, III lecture
 CLS 510L/520L/530L – Physical Diagnosis Lab I, II, III
 CLS 512/522/532/542 – Pathology I, II, III, IV

CLS 516/526 – Pharmacology I-II

Mind/Body Medicine:

PSY 420 – Doctor/Patient Communication I

PSY 720 – Counseling Techniques

PSY 722 – Psychological Assessment

Physical Medicine:

PHM 416 – Palpation Lab I

PHM 426 – Palpation Lab II

Practice Management:

NPH 720/730 – Business/Practice Seminar I, II

ACU-POINTS STUDIES

Acu-points studies comprises two terms of point location, by region of the body, including auricular points. The following two terms include point actions and point prescriptions.

CCM 512/522 Points I, II: Point Location, Names & Categories (6 credit hours lecture)

These two courses focus on point location, Chinese names, and therapeutic categories of points. The Chinese system of anatomical measurement and all 361 standard points on the 14 primary channels are presented. Each point is named in Chinese with an emphasis on pronunciation, *pin yin* spelling, the translation, and medical meaning for the major points. These courses are hands-on with an emphasis on finding and marking the points on a partner.

CCM 532 Points III: Point Actions (3 credit hours lecture)

This course focuses on the therapeutic actions of points. Location, name, and category information is reviewed in the context of learning the traditional functions and symptomatic indications for each point. Extra points are also presented.

CCM 612 Points IV: Point Combinations & Protocols (3 credit hours lecture)

This course focuses on combining points into mini-prescriptions. Principles of point combining are introduced, followed by classic two- and three-point combinations. Five-Element and Extraordinary Vessel protocols are presented, as well as organ, pathogen, and vital substance treatment plans. Protocols based on classical treatment principles and therapeutic strategies are emphasized.

CCM 622 Points V: Point Prescriptions (3 credit hours lecture)

This course focuses on point prescriptions. The prescriptions reviewed are designed to address diseases and symptoms that are commonly seen in a clinical setting. We discuss the diagnostic differentiation, treatment principles, key points, and basic prescriptions in order to develop both a repertoire of treatment plans and models of how to create a well-crafted prescription.

CCM 632 Points VI: Case Analysis & Point Selection (3 credit hours lecture)

This course is specifically designed to integrate and put into practice all the elements that have been learned during previous courses in preparation for clinical internship. Each week students are presented with three actual cases to analyze outside of class. Students analyze patients' signs and symptoms, arrive at a diagnosis and treatment plan, and then devise a point prescription complete with rationale for each point. This is presented and debated in class with fellow students and an instructor.

ACU-TECHNIQUES

Hands-on practice to develop the requisite skills of a practitioner: diagnostic palpation and acupressure techniques; needling and moxibustion skills; cupping, *guasha*, and other adjunctive methods.

CCM 513 Tech I: Diagnostic Skills, Physical Exam (2 credit hours lecture)

This course is designed to develop key diagnostic skills. The Chinese physical exam devotes special attention to the observation of the face and tongue and palpation of the pulse. Understanding and practicing these skills is the core of this class. A Japanese system of evaluating the channels, the *Akabane* test, is presented after students learn the channel pathways. Students practice in and out of class and keep records. Slides are used to facilitate learning tongue diagnosis.

CCM 523 Tech II: Adjunct Therapies (2 credit hours lecture)

This course focuses on the acquisition of specific treatment skills. These important skills include cupping, moxibustion (both direct and indirect), and cutaneous stimulation, including the seven star hammer and *guasha*. Diagnostic skills are developed with regard to the patient interview, focusing on gathering information about the patient's chief complaint, and the differentiating patterns according to Chinese medical theory.

CCM 533 Tech III: Auricular Therapy (2 credit hours lecture)

Interviewing skills continue with a focus on the classical "ten questions" and the critical thinking that a Chinese differential diagnosis requires. In addition, body palpation and auricular therapy are presented. The location of points on the ear is presented in the context of using the ear for both diagnosis and treatment. In this course, treatment technique focuses on the placement of ear seeds; no needling is involved until next term.

CCM 613 Tech IV: Acupuncture I (3 credit hours lecture)

Needle insertion skill is the focus of this course. Nearly 100 different points on all 14 channels and all parts of the body are the subject of in-class practice. Pain-free insertion, careful advance of the needle, and finding/obtaining the *qi* are the primary emphases. Appropriate positioning of the patient and proper alignment of one's own body are also covered. Students practice on each other throughout the year-long training. Learning to attend to patients' concerns and reactions to acupuncture while soliciting feedback are important parts of the course. Following up on Tech III material, needling of the ear is taught.

Note: The Clean Needle Technique course offered by NCCAOM is also required

CCM 623 Tech V: Acupuncture II (3 credit hours lecture)

Needling practice continues with a focus on more challenging points and learning to manipulate *qi* according to traditional methods of tonification and dispersion. Another 100 points are chosen from all parts of the body to familiarize the student with a wide range of points and needling experience.

CCM 633 Tech VI: Acupuncture III (3 credit hours lecture)

This course focuses on perfecting diagnostic skills, as well as treatment planning and implementation. In class, each student takes the case of a fellow student. After discussing the diagnosis and treatment plan with an instructor, the student proceeds to administer the treatment. Attention is given to the orchestration of the entire process and to the subtleties of working with real people. In addition, the techniques of scalp and electro-acupuncture are introduced.

Note: Tech IV-VI include a qigong component in the belief that good acupuncture is dependent on the practitioner's awareness of and sensitivity to *qi*.

CHINESE CALLIGRAPHY

Elective: CCM 972E Chinese Calligraphy (1 credit lab)

Chinese calligraphy practice is a method of *qi* cultivation for connecting the human being and the universe. It is also a way to understand classical Chinese philosophy and the *qi* principles discussed in the MSOM program. Students will learn how to use the calligraphy brush to write Chinese characters and to help them understand the relationship of characters, philosophy, and universal *qi*.

CHINESE MEDICAL TERMINOLOGY

These two elective courses follow-up on the introduction to Chinese language presented in Herbs I. Students in any year of study will find the material illuminating and clarifying. These courses are readily accessible to beginning-level speakers and entry-level students of Chinese medicine. Several aspects of language acquisition are addressed: speaking, reading, and writing.

Elective: CCM 597E/697E Chinese Medical Terminology I, II (4 credit hours lecture)

Vocabulary, character recognition, and writing practice are integral parts of these courses. Familiarity with *pin yin* is emphasized, including tones and comparison to the Wade-Giles system. Attention is given to dictionary skills. Basic terms and concepts, treatment terms, and esoteric cosmological principles are covered.

CLASSICAL CASE STUDIES

Two terms of classical case studies are taken from the files of famous physicians in different eras to elucidate the principles and intricacy of clinical practice.

CCM 701/711 Classical Case Studies I-II (6 credit hours lecture)

These classes offer an historic review of the theoretical evolution and lineage of major academic schools, unique clinical approaches, and impact on contemporary clinical practices.

HERBAL STUDIES

Three terms are devoted to individual herbs, basic herbal combinations, and the medical theory pertinent to their classification within the *materia medica*. The following two terms of study address the classic formulas. External applications and formula modification are addressed in the final term.

CCM 511 Herbs I with lab: Individual Herbs, Names and Categories (3.5 credit hours lecture/lab)

This course focuses on individual herbs, their Chinese, Latin, and common names, and the rational and clinical significance of Chinese herbal classification. This course provides an understanding of the diagnostic parameters and theoretical application of the therapeutic categories into which the *materia medica* is organized.

CCM 521/531 Herbs II, III with Lab: Individual Herbs, Herbal Combinations (6.5 credit hours lecture/lab)

These courses focus on the therapeutic actions, doses, preparation, and application of individual herbs, with an in-depth concentration on approximately 120 herbs. The student learns to recognize and identify herb samples, the principles of herb combining, and the specific clinical effects of an herb brought out by different herbal combinations.

CCM 611/621 Herbs IV, V with lab (6.5 credit hours lecture/lab)

The Herbs IV-V series focuses on the study of classical Chinese herb formulas. Contents include the theoretical principles of formula composition, formula preparation, a deeper discussion of the diagnostic parameters, and the therapeutic categories used in herbal prescribing, as well as a basic introduction to the most important 160 formulas of the Chinese formulary (with an in-depth introduction to 40 core constitutional formulas).

CCM 631 Herbs VI: Formula Modification, External Application (3 credit hours lecture)

This course consists of a seminar class on the principles and significance of the modification of herbal formulas in meeting the needs of the individual patient. Preparation, application, and the principles and clinical significance of external formulations will also be discussed.

ETHICS AND MEDICAL JURISPRUDENCE

CCM 737 Ethics and Medical Jurisprudence (1 credit hour lecture)

This course is designed to give the student an understanding of the fundamental professional and ethical issues that the health care practitioner in general, and the practitioner of Oriental medicine in particular, must consider. Group discussion, clinical

experience, self-exploration, as well as an in-depth look at the client-practitioner relationship are used to further elucidate ethical and professional issues specific to the practice of Chinese medicine.

ORIENTAL DIETETICS

This course includes the classification of foods according to the principles of herbology, working with clients and their diet, using food therapeutically, familiarization with specific Asian foods, the preparation of medicinal dishes, and *paozhi*.

CCM 635 Oriental Dietetics (2 credit hours lecture)

Diet is one of the core foundations in Chinese medical treatment. Students will develop an understanding of the energetic and therapeutic quality of foods and learn to classify, combine, and prepare medicinal foods.

QIGONG

Qigong literally means “energy work” or “energy cultivation.” Personal experience of, awareness of, and sensitivity to *qi* are considered imperative to the successful practice of classical Chinese medicine. This sequence of courses is conducted in a series of nine weekend retreats and weekly one-hour practice sessions. It is a particular goal of this series to teach students to develop the expertise to prescribe individualized qigong exercises for patients.

CCM 514 Qigong I & CCM 515 Qigong Practicum I (2 credit hours lecture)

This introductory qigong module and the follow-up practice sessions introduce the development, principles, and clinical ramifications of qigong therapy. On an experiential level, students are instructed to experience the phenomenon of *qi* in their body as well as in nature. At the same time, students are learning to master their first qigong long form, Fire Dragon Qigong (*Huolong Zhengjing Gong*) of the *Emei Sage Style* of Qigong.

CCM 524 Qigong II & CCM 525 Qigong Practicum II (2 credit hours lecture)

This qigong module teaches students the experience of the major energy gates (*men*) and energy centers (*dantian*) of the body, as well as the guiding of *qi* by way of mental control and supporting body postures. A key element of this course will be the mastering of the so-called Universe Stance (*Yuzhou Zhuang*) or Horse Stance (*Zhan Zhuang*) position that occupies a key role in most Qigong lineages. The second qigong long form, Opening of the Heavenly Light Qigong (*Tiandao Shenming Gong*) of the *Emei Sage Style* is also introduced.

CCM 534 Qigong III & CCM 537 Qigong Practicum III (2 credit hours lecture)

This qigong module teaches students how to integrate the medical concept of “strengthening the sinews” into their existing qigong practice. Specifically, practitioners will learn the first long form of the *Jinjing Gong* School of Qigong, Strengthening the Sinews Qigong (*Jinjian Gong*). At the same time, this module features an introduction to the concept of quiet meditation, traditionally referred to as “internal alchemy” (*neidan*).

CCM 614 Qigong IV & CCM 615 Qigong Practicum IV (2 credit hours lecture)

This qigong module teaches practitioners how to integrate the various applications of *qi* work—physical vitality and longevity, medical therapeutics, spirituality and mental acuity, and martial arts—in one framework of practice. Specifically, the martial arts long form Tiger Qigong (*Laohu Gong*) from Sichuan's Mt. Qingcheng will be introduced to students.

CCM 624 Qigong V & CCM 625 Qigong Practicum V (2 credit hours lecture)

This qigong module teaches students the second eight-segment long form of the *Jinjing Gong* School of Qigong, namely Yin Yang Harmonization Qigong (*Yin Yang Sheng Jiang Kai He Gong*).

CCM 634 Qigong VI & CCM 636 Qigong Practicum VI (2 credit hours lecture)

This qigong module teaches students the third eight-segment long form of the *Jinjing Gong* School of Qigong, namely the Esoteric Eight Pieces of Brocade (*Mi Baduan*). At the same time, progress in the first stage of the quiet meditation is discussed, and the second stage of the Microcosmic Orbit Meditation (*Xiao Zhoutian*) is introduced.

CCM 714 Qigong VII & CCM 716 Qigong Practicum VII (2 credits hours lecture)

This qigong module introduces students to the concept of external *qi* (*waiqi*) and its ramifications for clinical practice. Furthermore, advanced qigong modalities for both cultivational and therapeutic purposes are discussed, specifically hand and body postures (*yin*), visualizations (*shen*), and the use of vibrational sounds (*zhou*). Practitioners will also learn how to integrate qigong awareness into their massage and acupuncture practices.

CCM 724 Qigong VIII & CCM 726 Qigong Practicum VIII (2 credit hours lecture)

This qigong module introduces students to techniques that further facilitate the therapeutic work with external *qi*, specifically the Nine Palace Qigong (*Jiu Gong Shen Gong*) practice of the *Emei* Sage Style.

CCM 733 Qigong IX & CCM 734 Qigong Practicum IX (2 credit hours lecture)

This qigong module assesses each student's level of mastery in the various practices and modalities of qigong therapy, including the practice of all long forms of qigong from the *Jinjing* and *Emei* Sage styles of qigong; the prescription of individualized qigong practice regimen; the application of qigong massage; and the emission of external *qi*.

CCM 740E/741E/742E Qigong X, XI, XII (3 credit hours lecture)

This advanced elective series is designed for the serious qigong student who wishes to integrate the teaching of qigong into their clinical practice. This course may be taken as an elective without being admitted into the certificate program.

QIGONG TEACHING SERIES

This series is designed for students admitted into the Qigong Certificate Program.

CCM 603E/604E/605E Teaching Medical Qigong I, II, III (6 credit hours lecture)

Over three academic quarters the student moves from observer to teaching assistant in a medical qigong class taught by NCNM faculty members to patients of NCNM's Natural Health Center teaching clinics.

Prerequisite: Acceptance into the Qigong Certificate Program, completion of Qigong and Qigong Practicum I-IX, and concurrent enrollment in Qigong X, XI, XII.

CCM 606E/607E/608E Teaching Medical Qigong IV, V & VI (6 credit hours lecture)

Over three academic quarters the student, under the oversight of a faculty member, teaches qigong classes to patients of NCNM's Natural Health Center teaching clinics.

Prerequisite: Completion of Qigong I-IX and Teaching Medical Qigong I-III.

RESEARCH

CCM 992/993/999 Masters Thesis—Phase I, II, III: Research in Oriental Medicine (1 credit hour lecture per quarter for 3 quarters)

Preparation of a thesis, on an approved topic of classical Chinese medicine, supervised and reviewed by a faculty advisor, and presented to a thesis committee. Approval of the defended thesis is a requirement for graduation.

Prerequisite: Clinic Intern status.

REVIEW OF ACUPUNCTURE AND CHINESE HERBS

These courses are offered winter and spring quarters of the final year. They are designed to highlight the essential features of Oriental medicine in preparation for both the acupuncture and the herbology exams administered by national and state agencies as a prerequisite to licensure.

CCM 738 Chinese Herbs Review (1 credit hour lecture)

This course supports the student in the synthesis of herbal knowledge by reviewing all categories of the science of Chinese herb prescribing incorporated into most national and state exams on the subject, including herb theory, single herbs, herb pairs, herbal formulas, as well as the preparation and administration of herbs.

CCM 739 Acupuncture Review (1 credit hour lecture)

This course is offered during the winter quarter of the final year in preparation for national board exams. The course highlights all essential aspects of acupuncture and Asian medical theory through a series of mock exams, discussion, and question/answer sessions.

SHIATSU

This series presents a thorough grounding in the principles and style of Asian massage, the energetic anatomy upon which it is based, and the fundamentals of touching with quality. Students will learn a great variety of techniques and maneuvers in the context of a complete full-body massage. This style of shiatsu is both highly effective and enjoyable to receive. These three courses are offered early in the Chinese medicine program. They present shiatsu as a general massage focusing on wellness, and do not require the ability to diagnose in order to be effective. Shiatsu/Anma is a wonderful modality on its own, but also trains the student in the art of palpation and general sensitivity, which is useful in all aspects of a medical practice.

CCM 991 Shiatsu I, Full Body, Short Form (3 credit hours lecture)

Shiatsu I is an introductory course presenting two of the cornerstones of Asian massage, Shiatsu and *Do-In* (a self-massage routine). Neither massage uses oil or requires disrobing. This course is complete unto itself, teaching a full-body, traditional Japanese-style massage. Class will emphasize proper alignment and body position for the practitioner, as well as focusing on the sequence of the massage (*kata*). Students will be exposed to the energetic, theoretical, and technical aspects of shiatsu. Theory will focus on learning the channel pathways. The instructor will emphasize kinesthetic learning, alternating between demonstration and practice.

Elective: CCM 997E Shiatsu II, Shiatsu Stretches (1.5 credit hours lab)

Shiatsu II teaches an elaborate series of stretches for all the major joints of the body.

Prerequisite: CCM 991

Elective: CCM 998E Shiatsu III, Full Body, Long Form (1.5 credit hours lab)

Shiatsu III integrates the short form and the stretches to create a two-hour-or-more long form of shiatsu.

Prerequisites: CCM 911/997

Elective: CCM 801E-804E Shiatsu Clinic I-IV (8 credit hours clinic)

This series provides an opportunity for the student to work with a wide variety of patients in a clinical setting, refining the skills they have learned in the classroom. The clinical series totals 192 hours over the course of the year.

Prerequisite: Shiatsu I-III. Acceptance into the Shiatsu Certificate Program.

TAI JI

Tai Ji Quan (*T'ai Chi Ch'uan*) literally means "the very pinnacle, highest, or greatest fist," i.e., martial art. A more useful translation might be "the ultimate exercise." Its precisely choreographed movements create a relaxing mind-body dance that stretches and strengthens the entire body. Its slow, deliberate moves develop balance and grace. Its meditative style facilitates harmonious breathing and a focused mind. It is, in short, meditation in motion. From a Chinese medical perspective, Tai-Ji harmonizes the "three treasures," *jing*, *qi*, and *shen* (essence, energy, and spirit). Each class includes specially designed warm-up exercises, qigong, and detailed instruction in the form. This series is

open to ND students on a space available basis provided they have met the prerequisite coursework.

Elective: CCM 983/984E/985E Tai Ji I-III, Yang Style, Long Form (2 credit hours lecture/lab)

The first year of study focuses on learning the sequence of movements and the correct way of doing each move. Tai Ji I is required in the MSOM program. Tai Ji II-III are electives. Although Tai Ji II-III are designed to be taken during the first year of the program as electives, they may be taken in any year upon completion of prerequisites. Prerequisite: each course in the series requires completion of the prior levels.

Elective: CCM 986E/987E/988E Tai Ji IV-VI (1.5 credit hours lab)

The second year of study works on refining the form, making it flow, and increasing awareness of the *qi* that Tai Ji is designed to circulate. Prerequisite: each course in the series requires completion of the prior levels.

THEORY

The practice of Oriental medicine is informed by tenets and principles developed over several millennia. These constitute the theoretical foundations of classical Chinese medicine. The following courses train students to *think* using the principles of Chinese medicine and its cosmology, philosophy, and protocols.

CCM 510 Theory I (3 credit hours lecture)

This course introduces students to the common principles that underlie all traditional nature sciences, in this case observed from the specific perspective of classical Chinese medicine. Core concepts discussed include the holographic quality of nature (*Dao; Tian-Di-Ren*), dynamism, complexity, the symbolic pattern language of the universe (*yin-yang wu xing; zang-xiang*), and the relationship between matter, energy, and spirit (*jing-qi-shen*). The curriculum attempts to correlate the wisdom of these ancient concepts with contemporary insights gleaned from the quantum cosmology of modern physics and other contemporary sciences. Moreover, students will learn how to critically read the introductory literature of the field.

CCM 520 Theory II (3 credit hours lecture)

This course presents a detailed example of the workings of functional medicine by creating a physiological map of the twelve organ networks of Chinese medicine. Honoring the alchemical perspective “as above, so below,” the *zang-fu* organs are discussed as functional relay systems that not only execute certain archetypal roles within the microcosm of the body, but also clearly relate to specific holographic counterparts in the macrocosmic spheres of the terrestrial, celestial, and social realms. Students thus become exposed to an example of the classical vision of holism in all its depth, complexity, and detail-oriented sophistication.

Elective: CCM 500E/502E Qigong Supplement I, II (2 credit hours lecture)

This series of elective courses supplements the introductory three classes of Chinese medical theory. Each course provides an experiential setting where the base concepts of Chinese medicine, such as *yin-yang*, *qi*, *jing-qi-shen*, heaven and earth, and the unique nature of the Chinese organ systems can be known in a holistic way. All three courses consist of the introduction and practice of ancient cultivation exercises, such as movement, breath work, and chanting.

CCM 535 Theory III Pathology (2 credit hours lecture)

Upon completion of this course students should be able to conceptualize the fundamental pathology of the traditional Chinese body landscape and recognize the basic disease patterns in a classroom setting.

CCM 536 Theory III Diagnostic modalities (2 credit hours lecture)

This course is designed to teach, demonstrate, and practice the basic diagnostic procedures of Chinese medicine, including visual inspection, listening and smelling, asking questions, and palpation.

CCM 610/620 Theory IV, V (6 credit hours lecture)

These courses focus on exploring the mechanism of diseases, their various energetic patterns, and corresponding treatment. One term is an introduction to the differential pathology of the clinically most pertinent traditional diseases; the other covers the assessment of modern diseases from a traditional perspective.

CCM 710 Theory VI (3 credit hours lecture)

This is an advanced introduction to the basic diagnostic and therapeutic principles of Chinese medicine by reading and discussing the most important classical texts, including *Neijing*, *Shanghan*, *Jingui*, and *Wenbing*.

Elective: CCM 971E/973E/974E Classical Chinese Medicine Texts I, II, III (6 credit hours lecture)

These elective courses introduce students to the cultural and philosophical background of Chinese medicine through a careful analysis of selected medical texts. These texts will be presented to students in the original language of classical Chinese, so that students will gain a deeper understanding of the terminology and texture of Chinese philosophy and the unique type of medicine that evolved from it.

TRADITIONAL MENTORSHIP TUTORIAL

In this two-class, individualized theory review, students gain deepening insight into the basic theory, diagnostic parameters, and modalities of Chinese medicine. They develop both an understanding of the relationship between Chinese culture and Chinese medicine, and the ability to convey this understanding to others.

CCM 981/982 Traditional Mentorship Tutorial I-II (2 credit hours lab)

The tutorial classes are designed to facilitate a more immediate contact between students and the culture and lineage system of classical Chinese medicine education. Small groups of five to eight students meet at the home of their chosen mentor, where the following topics are discussed from the unique perspective of the mentor's own path of learning and knowledge integration: the basic theory, diagnostic parameters, and therapeutic modalities of Chinese medicine; the relationship between Chinese culture and Chinese medicine; the highly individualized character of all advanced aspects of Chinese medicine teaching; and the concept of differential diagnosis and its confident application.

Elective: CCM994E Yi-Jing Book of Changes (2 credit hours lecture)

This course is a detailed introduction to this classic of Chinese philosophy, culture and cosmology. It will provide an overview of the literature, survey its many translations, and make recommendations on books to purchase. The course will trace what is known about its historical development, the primary figures associated with its authorship, explain its technical terminology, and teach how to use the text as an oracle. Among the various means to access the oracle, the traditional coin and stalk methods as well as the contemporary bead method will be studied. A unique system for computing personal or natal hexagrams is also presented. Students will explore the structure of the hexagrams for clues to interpretation, learning the traditional conventions used to decipher the symbolic messages. In the process they will greatly deepen their understanding of *yin-yang*, the five phases, and the *ba-gua*.

CLINICAL TRAINING OVERVIEW

The clinical training objectives of the program are fundamentally aligned with the overall intention to train quality practitioners in the art and science of Oriental medicine. The clinical aspect is expected to be a refinement of the knowledge base acquired in the academic portion of the program, with the implicit understanding that many important skills can only be attained in an applied context of a practical learning situation. These skills include, but are not limited to:

- Development of adequate knowledge and understanding of classical Chinese medical concepts and techniques.
- Evolution of interpersonal communication abilities.
- Refinement of problem solving capacities and clinical judgment.
- Proficiency in executing the technical skills required to effectively apply treatments in Chinese medicine.

Clinical training consists of two sequential parts: observation and internship. Before clinical observation can occur, students need training in point location, Chinese herbal *materia medica*, and basic theory and philosophy of Chinese medicine. Before clinical internship commences, students need further development of interpersonal skills, diagnostic abilities, training in point actions, and understanding of the Chinese formulary. The academic courses and sequence are designed to accomplish this goal.

The first year of the observation component commences only upon successful completion of all courses from the first year of study and attendance of a clinical observation orientation seminar in which clinic policies and procedures are reviewed. The second year of observation requires successful completion of all prerequisite courses from the second year of study. Internship begins after successful completion of all third-year courses and passing of the clinic entrance exam. A second clinical orientation is also required before internship commences, during which more advanced aspects of clinic functions are addressed.

Students are gradually led through the clinical experience in a sequential fashion from simply observing to being able to carry out the entire activity of treating a patient. In the spirit of the classics, emphasis is placed on recognition of Chinese syndrome pattern differentiation rather than symptomatic prescribing, with the goal of achieving balanced and harmonious treatments.

CLINICAL TRAINING

The five components within the clinical portion of the program are Observation, Medicinary Practicum, Special Topics, Internship, and Case Presentation. These are organized as follows:

Year of Study		Clinical Component	Brief description
MSOM	MSOM/ND		
2 nd – 3 rd	4 th & 5 th	Observation I-VI	Observe experienced practitioners treat patients
2 nd – 3 rd	4 th or 5 th	Medicinary Practicum	Fill herbal prescriptions for practitioners
4 th	6 th	Special Topics I-II	Observe and discuss treatment of difficult diseases
4 th	6 th	Internship I-XIV	Student (under supervision) assumes primary responsibility for diagnosis and treatment of patients
4 th	6 th	Presentation I-III	Presentation & discussion of cases with peers and supervisors

CCM 800/810/820/830/831/832 Clinical Observation I-VI (12 credit hours clinic)

Clinical observation is a forum in which four or five observers watch a practitioner in session with a client. While observing, the objective is to absorb as much of the method and process of clinical practice as possible.

CCM 936 Medicinary Practicum (1 credit hour clinic)

During the observation year, each student spends 24 hours working in the Chinese Medicine Medicinary. Under the supervision of clinical faculty and with the guidance of medicinary staff, observers learn to fill prescriptions for patients that are crafted by interns and supervisors. Most formulae are compounded using bulk herbs and granules.

The Medicinary also stocks single herb liquid extracts. The student learns the mechanics of medicinary and clinic procedure. This includes obtaining hands-on exposure to formula composition and modification, learning about dosage, and becoming more intimate with the individual herbs, especially their appearance, smell, and taste.

CCM 706/713 Special Topics I-II (6 credit hours lecture)

Special Topics is a clinical class in which master practitioners/supervisors interview and treat specifically selected patients who are suffering from a particular chronic disease. Discussions of these particular cases expand into a broad analysis of general approaches to the disorders in question.

CCM 715/725/735 Clinical Case Presentation I-III (3 credit hours clinic)

Clinical case presentation classes provide an opportunity for externs to present case histories of chosen clients, receiving feedback and critique by fellow externs and a supervisor.

CCM 900-902/911-913/921-923/930-935 Clinical Internship I-XIV (27 credit hours clinic)

During clinical internship the student assumes primary responsibility for the diagnosis and treatment of clients under the supervision of experienced practitioners. Includes one required holiday clinic shift.

CLASSICAL CHINESE MEDICINE CERTIFICATE PROGRAMS

ND students in good academic standing are eligible to apply for admission into the Classical Chinese Medicine Certificate Programs. Due to space constraints, admission is limited. These are not degree programs and do not lead to eligibility to sit for licensure exams. Contact the Office of Admissions for further information, (503) 552-1660.

QIGONG CERTIFICATE PROGRAM

The Qigong Certificate Program is taught in two levels, with each level having a separate admissions screening process. The first portion, with an academic focus, may be pursued concurrently with the ND program and is taught over a three-year period. Involving coursework from the MSOM program, the Qigong program includes four courses in theory, nine weekend retreat courses, and nine terms of one-hour qigong practice sessions. The student who successfully completes this portion of study may apply for admission into the teaching portion of the program. Over two years, the student continues qigong coursework, progressing from observing qigong instruction of NCNM patients and students to three terms of teaching qigong labs.

CCM 514 Qigong I & CCM 515 Qigong Practicum I (2 credit hours lecture)

This introductory qigong module and the follow-up practice sessions introduce the development, principles, and clinical ramifications of qigong therapy. On an experiential level, students are instructed to experience the phenomenon of *qi* in their body as well as

in nature. At the same time, students are learning to master their first qigong long form, Fire Dragon Qigong (*Huolong Zhengjing Gong*) of the *Emei Sage Style* of Qigong.

CCM 524 Qigong II & CCM 525 Qigong Practicum II (2 credit hours lecture)

This qigong module teaches students the experience of the major energy gates (*men*) and energy centers (*dantian*) of the body, as well as the guiding of *qi* by way of mental control and supporting body postures. A key element of this course will be the mastering of the so-called Universe Stance (*Yuzhou Zhuang*) or Horse Stance (*Zhan Zhuang*) position that occupies a key role in most Qigong lineages. The second qigong long form, Opening of the Heavenly Light Qigong (*Tiandao Shenming Gong*) of the *Emei Sage Style* is also introduced.

CCM 534 Qigong III & CCM 537 Qigong Practicum III (2 credit hours lecture)

This qigong module teaches students how to integrate the medical concept of “strengthening the sinews” into their already existing qigong practice. Specifically, practitioners will learn the first long form of the *Jinjing Gong School* of Qigong, Strengthening the Sinews Qigong (*Jinjian Gong*). At the same time, this module features an introduction to the concept of quiet meditation, traditionally referred to as “internal alchemy” (*neidan*).

CCM 614 Qigong IV & CCM 615 Qigong Practicum IV (2 credit hours lecture)

This qigong module teaches practitioners how to integrate the various applications of *qi* work—physical vitality and longevity, medical therapeutics, spirituality and mental acuity, and martial arts—in one framework of practice. Specifically, the martial arts long form Tiger Qigong (*Laohu Gong*) from Sichuan’s Mt. Qingcheng will be introduced to students.

CCM 624 Qigong V & CCM 625 Qigong Practicum V (2 credit hours lecture)

This qigong module teaches students the second eight-segment long form of the *Jinjing School* of Qigong, namely Yin Yang Harmonization Qigong (*Yin Yang Sheng Jiang Kai He Gong*).

CCM 634 Qigong VI & CCM 636 Qigong Practicum VI (2 credit hours lecture)

This qigong module teaches students the third eight-segment long form of the *Jinjing Gong School* of Qigong, namely the Esoteric Eight Pieces of Brocade (*Mi Baduan*). At the same time, progress in the first stage of the quiet meditation is discussed, and the second stage of the Microcosmic Orbit Meditation (*Xiao Zhoutian*) is introduced.

CCM 714 Qigong VII & CCM 716 Qigong Practicum VII (2 credit hours lecture)

This qigong module introduces students to the concept of external *qi* (*waiqi*) and its ramifications for clinical practice. Furthermore, advanced qigong modalities for both cultivational and therapeutic purposes are discussed, specifically hand and body postures (*yin*), visualizations (*shen*), and the use of vibrational sounds (*zhou*). Practitioners will also learn how to integrate qigong awareness into their massage and acupuncture practices.

CCM 724 Qigong VIII & CCM 726 Qigong Practicum VIII (2 credit hours lecture)

This qigong module introduces students to techniques that further facilitate the therapeutic work with external *qi*, specifically the Nine Palace Qigong (*Jiu Gong Shen Gong*) practice of the *Emei* Sage Style.

CCM 734 Qigong IX & CCM 733 Qigong Practicum IX (2 credit hours lecture)

This qigong module assesses each student's level of mastery in the various practices and modalities of qigong therapy, including the practice of all long forms of qigong from the *Jinjing* and *Emei* Sage styles of qigong; the prescription of individualized qigong practice regimen; the application of qigong massage; and the emission of external *qi*.

CCM 740E/741E/742E Qigong X, XI, XII (6 credit hours lecture)

This advanced elective series is designed for the serious qigong student who wishes to integrate the teaching of qigong into their clinical practice. This course may be taken as an elective without being admitted into the certificate program.

QIGONG TEACHING SERIES

This series is designed for students admitted into the Qigong Certificate Program.

CCM 603E/604E/605E Teaching Medical Qigong I, II, III (6 credit hours lecture)

Over three academic quarters the student moves from observer to teaching assistant in a medical qigong class taught by NCNM faculty members to patients of NCNM's Natural Health Center teaching clinics.

Prerequisite: Acceptance into the Qigong Certificate Program, completion of Qigong and Qigong Practicum I-IX, and concurrent enrollment in Qigong X, XI, XII.

CCM 606E/607E/608E Teaching Medical Qigong IV, V & VI (6 credit hours lecture)

Over three academic quarters the student, under the oversight of a faculty member, teaches qigong classes to patients of NCNM's Natural Health Center teaching clinics.

Prerequisite: Completion of Qigong I-IX and Teaching Medical Qigong I-III.

SHIATSU CERTIFICATE PROGRAM

This part-time program is two years in length and includes Shiatsu I-III and Shiatsu Clinic I-IV (see MSOM course descriptions) and may be pursued concurrently with the MSOM or ND degree.

CCM 991 Shiatsu I, Full Body, Short Form (3 credit hours lecture)

Shiatsu I is an introductory course presenting two of the cornerstones of Asian massage, Shiatsu and *Do-In* (a self-massage routine). Neither massage uses oil or requires disrobing. This course is complete unto itself, teaching a full-body, traditional Japanese-style massage. Class will emphasize proper alignment and body position for the practitioner, as well as focusing on the sequence of the massage (*kata*). Students will be exposed to the energetic, theoretical, and technical aspects of shiatsu. Theory will focus

on learning the channel pathways. The instructor will emphasize kinesthetic learning, alternating between demonstration and practice.

Elective: CCM 997E Shiatsu II, Shiatsu Stretches (1.5 credit hours lab)

Shiatsu II teaches an elaborate series of stretches for all the major joints of the body.

Prerequisite: CCM 991

Elective: CCM 998E Shiatsu III, Full Body, Long Form (1.5 credit hours lab)

Shiatsu III integrates the short form and the stretches to create a two-hour-or-more long form of shiatsu.

Prerequisites: CCM 911/997

Elective: CCM 801E-804E Shiatsu Clinic I-IV (8 credit hours clinic)

This series provides an opportunity for the student to work with a wide variety of patients in a clinical setting, refining the skills they have learned in the classroom. The clinical series totals 192 hours over the course of the year.

Prerequisite: Shiatsu I-III. Acceptance into the Shiatsu Certificate Program.

MSOM CURRICULUM

MSOM YEAR ONE CURRICULUM							
FALL	credits	WINTER	credits	SPRING	credit	SUMMER	credit
M-S Anatomy I	2.0	M-S Anatomy II	2	Pathology I	3	KEY 1 credit = 1-hour classroom or 2 hours laboratory or 2 hours clinic	
Anatomy Lab I	1.0	Anatomy Lab II	1	Anatomy Lab III	0.5		
Organ Systems I	6.0	Organ Systems II	6	Organ Systems III	7		
Cellular Systems I	3.0	Cellular Systems II	3	Cellular Systems III	3		
Cell Systems Tut. I	0.5	Cell Systems Tut. II	0.5	Cell Systems Tut. III	0.5		
Microbio. & Pub. Health I Theory	2.0	Palpation lab I	1	Micro & Public Health III	2		
Tai Ji I	1.0	Doctor/Patient Commun. I	1	Palpation II Lab	1		
		Dr/Pt Communications Lab	0.75	Theory III Pathology	2		
		Microbio. & Public Health II Theory II	2	Theory III DX Modalities	2		
			3				
TOTAL CREDITS	18.50	TOTAL CREDITS	20.25	TOTAL CREDITS	21		
MSOM YEAR TWO CURRICULUM							
FALL	credits	WINTER	credits	SPRING	credits	SUMMER	credits
Pathology II	4.0	Pathology III	4	Pathology IV	3	Clinic Observation I	2
Clin/Phys Dx I	5.0	Clin/Phys Dx II	5	Clin/Phys Dx III	5	Clinic Observation II	2
Clin/Phys Dx Lab I	1.0	Clin/Phys Dx Lab II	1	Clin/Phys Dx Lab III	1	Clinic Observation III	2
Herbs I w/lab	3.5	Herbs II	3	Herbs III w/lab	3.5		
Points I	3.0	Points II	3	Points III	3		
Techniques I	1.0	Techniques II	2	Techniques III	2		
Qigong I	1.0	Qigong II	1	Qigong III	1		
Qigong Practicum I	1.0	Qigong Practicum II	1	Qigong Practicum III	1		
Shiatsu I	3.0	Traditional Mentoring Tut I	1				
TOTAL CREDITS	23.50	TOTAL CREDITS	21.0	TOTAL CREDITS	19.5	TOTAL CREDITS	6
MSOM YEAR THREE CURRICULUM							
FALL	credits	WINTER	credits	SPRING	credits	SUMMER	credits
Pharmacology I	3.0	Pharmacology II	3	Nutrition I	3	Clinic Internship I	2
Theory IV	3.0	Theory V	3	Herbs VI	3	Clinic Internship II	2
Herbs IV	3.0	Herbs V w/ lab	3.5	Points VI	3	Clinic Internship III	2
Points IV	3.0	Points V	3	Techniques VI	3	Masters Thesis Phase I	1
Techniques IV	3.0	Techniques V	3	Qigong VI	1		
Qigong IV	1.0	Qigong V	1	Qigong Practicum VI	1		
Qigong Practicum IV	1.0	Qigong Practicum V	1	Mentoring Tutorial II	1		
Clinic Observation IV	2.0	Clinic Observation V	2	Clinical Observation VI	2		
				CCM Med. Practicum	1		
TOTAL CREDITS	19.00	TOTAL CREDITS	19.5	TOTAL CREDITS	18.00	TOTAL CREDITS	7
MSOM YEAR FOUR CURRICULUM							
FALL	credits	WINTER	credits	SPRING	credits	SUMMER	credits
Psychological Assessment	2.5	Business Practices Sem. I	2	Theory VI	3		
Oriental Dietetics	2.0	Counseling Techniques	2.5	Business Practices Sem. II	2		
Classical Case Stud. I	3.0	Classical Case Stud. II	3	Qigong IX	1		
Internal Medicine	3.0	Internal Medicine	3	Qigong Practicum IX	1		
Qigong VII	1.0	Acupuncture Review	1	Case Presentation III	1		
Qigong Practicum VII	1.0	Qigong VIII	1	Herbs Review	1		
Case Presentation I	1.0	Qigong Practicum VIII	1	Ethics & Jurisprudence	1		
Clinic Internship IV	2.0	Case Presentation II	1	Clinic Internship X	2		
Clinic Internship V	2.0	Clinic Internship VII	2	Clinic Internship XI	2		
Clinic Internship VI	2.0	Clinic Internship VIII	2	Clinic Internship XII	2		
Masters Thesis Phase II	1.0	Clinic Internship IX	2	Clinic Internship XIII	2		
		Masters Thesis Phase III	1	Clinic Internship XIV	1		
TOTAL CREDITS	20.50	TOTAL CREDITS	21.5	TOTAL CREDITS	19	Program Total	254.25

ADMISSIONS—ND, MSOM, ND/MSOM DUAL DEGREE

The admissions requirements for all professional programs are identical. Admissions cycles vary for each program; please see details below.

PREREQUISITES

Historically, many great physicians have had skills and creative abilities reaching far beyond the scope of science and medicine. Well-rounded people with backgrounds in the humanities, arts, and social sciences are often excellent candidates for medical professions. Here at NCNM, we value and encourage a broad range of life experiences, along with the development of multiple talents. There is no advantage to holding a BS rather than a BA, as long as you have completed the program's prerequisites.

Criteria for selecting applicants for admission to NCNM's programs include motivation, intellect, and character essential to becoming a physician. Applicants are considered on the basis of academic performance, maturity, and demonstrated humanitarian qualities. Work and/or volunteer experience in health care, coupled with an awareness of the field of natural medicine, is strongly recommended. The following coursework is the minimum required preparation for the study of naturopathic medicine. Applicants may apply with coursework still in progress, but prerequisites must be completed prior to matriculation.

Note: If in doubt about a specific prerequisite, contact the Office of Admissions before taking the course.

The Office of Admissions requires official course descriptions for prerequisite science courses.

OVERALL PREPARATION

Completion of a bachelor's degree is required. No specific major is advised. In addition to a strong preparation in the sciences, a broad background in the humanities and liberal arts is encouraged. Prerequisite coursework is used to determine a student's preparation for the naturopathic program. Credit will be given for prerequisite coursework earning a C or better.

PREREQUISITE COURSEWORK

College Mathematics	1 course
Algebra or calculus.	
General Chemistry with lab (science-major level)	1 academic year
Organic Chemistry with lab (science-major level)	2 courses
Must include carbonyl compounds. (The standard prerequisite for science-major level organic chemistry is one year of general chemistry.)	
General Biology with lab (science-major level)	1 academic year
Must cover concepts in cellular biology, genetics, and botany.	

Physics with lab 1 course
Many institutions do not cover all required concepts in one course; required concepts include mechanics, optics, electricity, magnetism. Course must be algebra-based.

Social Science 1 academic year
At least one course must be in human psychology.

Humanities 1 academic year
At least one course must be English Composition.

STRONGLY RECOMMENDED COURSES

- Biochemistry or cellular biology
- Anatomy
- Physiology
- Statistics

OTHER SUGGESTED COURSES

- Biomedical ethics
 - Philosophy of science
 - Public speaking
 - Microbiology
 - Immunology
 - Public health
- GENETICS

AGE OF COURSE

Prerequisite courses not taken within seven years of matriculation into the program are subject to review by the admissions committee. Additional coursework may be required.
OFFICE

ACADEMIC AND SELECTION FACTORS

While no minimum GPA is specified, we expect a GPA of 3.0 for matriculation. ONLY EIGHT PERCENT OF ADMITTED STUDENTS HAVE LESS THAN A 3.0 CUMULATIVE G.P.

Candidates for admission are evaluated holistically on the basis of:

- Dedication to serve, compassion, critical thinking skills, ability to communicate, and self-discipline.
- Affinity for and prior experience with naturopathic medicine.
- Letters of recommendation.
- Overall scholastic record.
- Understanding and appreciation of health care issues.
- Other achievements.

Applicants are selected regardless of race, gender, age, religion, national or ethnic origin, sexual orientation, marital status, disabilities, or any other protected class under local, state, or federal law.

APPLICATION PROCESS

ND PROGRAM

Applications are available on NCNM's web site and through the Office of Admissions (503-552-1660). Initial consideration goes to candidates who apply by the dates listed below. However, NCNM continues to consider applicants on a space-available basis.

Early Decision October 10, 2003

Priority Decision January 23, 2004

Candidates who have selected NCNM as their first choice are encouraged to apply on or before the early decision date.

MSOM PROGRAM

Applications are available on NCNM's web site and through the Office of Admissions (503-552-1660). Initial consideration goes to candidates who apply by the dates listed below. However, NCNM continues to consider applicants on a space-available basis.

Priority Decision March 12, 2004

ND/MSOM PROGRAM

Exceptional students in the ND program may apply to the dual ND/MSOM program during their second year for admission the following fall. No student on academic probation will be permitted to enter the dual program.

APPLICATION REQUIREMENTS FOR U.S. CITIZENS AND RESIDENTS

- Completed and signed application form.
- \$75 nonrefundable application fee.
- Official sealed college transcripts for all college and university coursework, sent directly to the NCNM Office of Admissions from the institution.
- Catalog course descriptions for all courses that qualify as science prerequisites.
- Letters of Recommendation from two college or university faculty members, one from a science department faculty member, the other from a professional, preferably in a health-related field.
- A one-page chronological resume of work and volunteer experience with references and phone numbers.
- A Collegiate Record Release Form mailed directly to the NCNM Office of Admissions from every college and university attended.
- Signed Criminal Disclosure and Information Consent form.
- Signed Technical Standards statement.

Please follow the application packet's detailed instructions and direct all application materials to:

Office of Admissions
National College of Naturopathic Medicine
049 SW Porter Street
Portland, OR 97201

It is the sole responsibility of the applicant to ensure that materials are received by NCNM on time. Application materials become the property of National College of Naturopathic Medicine and will not be returned or forwarded to other institutions.

ON-CAMPUS INTERVIEW

Completed applications will be evaluated and those individuals who competitively meet requirements will be invited to a required interview on campus. Telephone interviews are normally not granted, but may be considered under extenuating circumstances. The interview allows students to visit the College and decide if it is a good fit.

TECHNICAL STANDARDS

The goal of the National College of Naturopathic Medicine is the broad preparation of students for the practice of naturopathic medicine. This goal is achieved in part by undergraduate medical education, postgraduate medical education, and preparation for life-long learning. Modern medical education requires that the accumulation of scientific knowledge be accompanied by the simultaneous acquisition of skills and professional attitudes and behavior. Our faculty has the responsibility to graduate the best possible physicians; thus, admission into NCNM is offered to those who present the highest qualifications for the study and practice of naturopathic medicine.

Applicants to NCNM must possess the following general qualities: critical thinking, sound judgment, emotional stability and maturity, empathy, physical and mental stamina, and the ability to learn and function in a wide variety of educational settings. In all phases of medical education, students of medicine must use their intellectual ability and must maintain emotional stability, particularly when under stress.

Graduates of NCNM must have the knowledge and skills to function in a broad variety of clinical situations and render a wide spectrum of patient care.

The Office of Admissions maintains that prospective students must meet certain technical standards. Candidates for the ND degree must have the following essential functions: motor skills; sensory and observational skills; communication skills; conceptual, integrative, and quantitative skills; behavioral and social skills and professionalism.

Motor Skills

Candidates should have sufficient motor function to elicit information from patients by palpation, auscultation, percussion and other diagnostic maneuvers. Candidates should be able to execute motor functions necessary to provide general care and emergency treatment to patients.

Sensory and Observational Skills

Candidates must be able to observe demonstrations and participate in experiments as required by the NCNM curriculum. They must be able to observe a patient accurately at a distance as well as close at hand and be able to obtain a medical history directly from the patient, while observing the patient's medical condition. This observation necessitates the functional use of vision, hearing and other sensory modalities.

Communication Skills

Candidates must be able to communicate effectively and sensitively in both oral and written form with patients. These skills must be performed at times in clinical settings when the time available for communication may be limited.

Conceptual, Integrative and Quantitative Skills

These skills include measurement, calculation, reasoning, analysis and synthesis. Problem-solving and diagnosis, the critical skills demanded of physicians, require all of these intellectual abilities. In addition, candidates must be able to comprehend three-dimensional relationships and to understand the spatial relationships of structures.

Behavioral and Social Skills and Professionalism

Empathy, integrity, concern for others, interpersonal skills, interest and motivation are all personal qualities that will be assessed during the admissions process and throughout a student's naturopathic medical education. Candidates must possess the emotional well-being required for the full use of their intellectual abilities, the ability to promptly complete all responsibilities attendant to the diagnosis and care of patients, and the capacity to develop mature, sensitive, and effective relationships with patients. Candidates must be able to tolerate physically taxing workloads and to function effectively when stressed. They must be able to adapt to changing environments, display flexibility, and learn to function in the face of uncertainty inherent to the clinical problems of a variety of patients.

In summary, the mission of National College of Naturopathic Medicine faculty is to prepare students for the comprehensive practice of medicine. NCNM, in accordance with *Section 504 of the 1974 Vocational Rehabilitation Act and the Americans with Disabilities Act (ADA) (Public Law-101-336)*, has established the aforementioned essential functions of medical students and physicians. National College of Naturopathic Medicine will consider for admission applicants who demonstrate the ability to perform or learn to perform the essential skills listed in this document. NCNM must ensure that patients are not placed in jeopardy by the students or physicians as a result of substantially impaired intellectual, physical, or emotional functions. Students will be assessed not only on their scholastic accomplishments, but also in their physical and emotional capacities to meet the full requirements of the school curriculum and to graduate as skilled and effective practitioners of naturopathic medicine.

Students who need to be assessed on the criteria listed above should contact the Dean of Student Affairs to discuss his or her specific circumstances. The dean will coordinate assessment and accommodations as deemed appropriate. Unresolved issues concerning a student's ability to meet these standards may result in delay or disqualification of the student's admission or registration.

APPLICATION REQUIREMENTS FOR INTERNATIONAL APPLICANTS

In addition to the requirements outlined above, international applicants must meet the following requirements:

- Complete an international student Certificate of Finance. This satisfies visa application requirements by verifying adequate financial resources to cover the anticipated period of study.
- If English is a second language, submit official scores from the Test of English as a Foreign Language (TOEFL). NCNM requires a score of 550 on the written exam or 213 on the computer exam.
- Submit all non-U.S. accredited transcripts for translation and evaluation to one the following of the approved evaluation services:
 - International Education Research Foundation, Inc.
(310) 390-6276, www.ierf.org
 - Office of International Education Services
(202) 296-3359, www.aacrao.org
 - World Education Services, Inc.
(212) 966-6311, www.wes.org
- Transcripts from accredited Canadian colleges and universities are generally exempt from this requirement. NCNM reserves the right to require outside evaluation in certain cases. Transcripts in French must be submitted for translation to one of the services above.

APPLICATION FOR TRANSFER

Transfer and second professional degree candidates, defined as licensed physicians or other health care practitioners with a doctoral level degree (i.e., ND, MD, DC, DO), and applicants who anticipate transferring credits from another program may apply for fall or winter quarter admission only.

Interviews are by invitation only and will be scheduled two or more weeks after the application is complete. All transfer and second professional degree applicants must meet regular prerequisite requirements, including a bachelor's degree and stipulated prerequisites. Coursework used for credit transfer cannot be applied toward prerequisites. Admission will be offered only on a space-available basis.

Any individual who completed a medical degree more than ten years ago may be required to take a basic sciences placement exam to ensure that she/he will be able to successfully complete advanced coursework and board examinations.

TRANSFER FROM OTHER ND OR ORIENTAL MEDICINE PROGRAMS

The faculty will evaluate transfer credit in conformity with the requirements of the Oregon Office of Degree Authorization. The following are the requirements for transfer credit:

- \$75 nonrefundable transcript evaluation fee.
- Credit for coursework within the ND program must be completed at an institution that is regionally or CNME accredited, or is a candidate for accreditation.

- Credit for coursework within the MSOM program must be completed at an institution that is regionally or ACAOM accredited, or is a candidate for accreditation.
- Only graduate-level courses are transferable. Undergraduate coursework applies *only* to prerequisite requirements for admission to NCNM. International transfer credit will be evaluated on an individual basis.
- The course description is equivalent to the description of the course for which it is being substituted and is taught at the post-baccalaureate level.
- Coursework must be completed with a grade of “C” or better. Courses completed on a Pass/Fail basis will not be considered unless the registrar from the grade-issuing institution officially verifies in writing that a “Pass” denotes that the course was completed with a grade of “C” or better.
- The transferable course and the substituted course have equivalent prerequisite requirements, classroom hours, and requirements for a passing grade.
- Due to the *classical* orientation of the MSOM program only a limited number of credits from programs with a TCM orientation are transferable. Generally, transfer credit is not given for courses within the Theory series.
- NCNM has no provision for awarding transfer credit for “life experience”.

TRANSFER FROM MD, DO, DC PROGRAMS

NCNM may award a limited amount of transfer credit for work done in other doctoral-level programs. Only graduate-level courses are transferable. Transfer credit will be accepted only from accredited institutions, or institutions that are specifically or categorically approved by the Oregon Office of Degree Authorization. All requests for transfer credit are considered on a course-by-course basis, and a catalog or course descriptions will be required. In some cases students may be required to take a challenge examination. All coursework must be documented by official transcript. Admissions interviews are required.

In general, it will take transfer students a minimum of two years attending NCNM to complete either program, even with maximum transfer of credit from another program. Students who transfer credit from other accredited institutions recognized by the Council on Naturopathic Medical Education, the Accreditation Commission for Acupuncture and Oriental Medicine, or the Oregon Office of Degree Authorization are required to spend at least one year at NCNM to obtain a degree.

TRANSFERS FROM THE CANADIAN COLLEGE OF NATUROPATHIC MEDICINE

Applicants attending the Canadian College of Naturopathic Medicine will be eligible to transfer into the ND program under a transfer articulation agreement between NCNM and the Canadian College. Applicants will be required to provide the following:

- Completed admissions application.
- Official CCNM transcript demonstrating completion of the first two years of the ND program.
- Two letters of recommendation, one from the CCNM Dean of Students.
- On-campus interview,

Only a CCNM transcript will be required for submission, and all prerequisite coursework will be considered completed. An international transcript evaluation will not be required. Requirements are subject to change; please check with the Office of Admissions for updates.

TRANSFERS FROM NCNM TO OTHER INSTITUTIONS

Transfer of credit from NCNM to other institutions is at the discretion of the receiving institution. Credit generally depends on comparability of curricula and may depend on comparability of accreditation. Inquiries need to be directed to the receiving institution to determine the transferability of credits from NCNM.

CHOOSING NCNM

NCNM ALUMNI

National College of Naturopathic Medicine has a network of over 1,300 alumni across the United States, Canada, and in several other countries. Our alumni are dedicated physicians and acupuncturists who treat thousands of patients each year. Many are the “movers and shakers” of the professions. Others are nationally recognized spokespersons for naturopathic and Chinese medicine. As part of their commitment, they often talk with prospective students about a career in naturopathic or Chinese medicine. If you would like to visit with one of our alumni in your area, please call NCNM’s Referral Line at (503) 552-2002, or send an email to alumni&friends@ncnm.edu.

VISITING CAMPUS

It is impossible to fully convey in writing the experience of being a student at National College of Naturopathic Medicine. Calling our admissions counselors and visiting NCNM’s web site, www.ncnm.edu, are essential ways to get acquainted with NCNM. However, the best way to explore a future with NCNM is to either visit the campus during the Student-for-a-Day program, or to arrange for an individual campus visit. Please call (503)-552-1660 for more information on visiting NCNM.

STUDENT-FOR-A-DAY PROGRAM

Student-for-a-Day programs provide the most complete and succinct campus visit opportunities. The Office of Admissions invites all prospective students to attend one of the regular day-long programs. Here students have the opportunity to meet members of the NCNM faculty, staff, and student body, learn about our degree programs, and explore careers in naturopathic and classical Chinese medicine. At Student-for-a Day, you will:

- Tour the campus and the First Avenue teaching clinic.
- Meet current students.
- Find out more about the professions, their history, and their futures.
- Explore admission criteria and the selection process.
- Learn about federal financial aid and financing options.
- Attend a class (during the academic year).

2003-2004 Schedule:

- Friday August 15, 2003
- Friday, October 10, 2003
- Friday, November 14, 2003
- Friday, January 23, 2004
- Friday, March 12, 2004
- Friday, May 7, 2004
- Friday, July 16, 2004

Contact the Office of Admissions at (503) 552-1660 to reserve a place.

If a Student-for-a-Day program does not fit into your schedule, individual visits are welcomed. Please call to arrange your visit at least two weeks in advance. This allows us to organize a productive and informative experience. Campus tours are available at set times that vary throughout the year. Our professors and current students welcome visitors to class, but to avoid conflicts such as examination periods, please contact the Office of

Admissions before visiting classes. Additionally, prospective students are invited to visit the NCNM teaching clinics located downtown and in Northwest Portland. As these are medical facilities, it is especially important that arrangements are made prior to your visit so patient service is not disrupted. Please visit our website at www.ncnm.edu—although surfing the net can never replace the experience of visiting campus, it provides a wealth of information about the College's programs and activities

ACCOMMODATIONS

There are several inns and hotels in our vicinity if you plan to stay overnight. We would be happy to send you a list of local accommodations. Contact the Office of Admissions at 503-552-1660.

2003-2004 FINANCIAL POLICIES

TUITION*

Note: NCNM will be changing to a per-credit rate next year, beginning September 2004.

ND PROGRAM

Four-year full-time	\$17,041 per year or \$5,680 per term
Five-year full-time	\$13,894 per year or \$4,631 per term
ND (only under specific circumstances in an approved part-time program)	\$236 per credit
ND 2003 Summer Tuition	\$1,320 (see Summer Term Tuition)

Note: ND tuition includes 15 elective credits. Electives taken exceeding 15 credits cost \$236 per credit.

MSOM PROGRAM

Four-year full time	\$13,846 per year
MSOM three-year, advanced standing	\$7,914 per year
MSOM 2004 Summer Tuition	\$703
MSOM Electives	\$236 per credit

DUAL PROGRAM

MSOM portion	\$5,933 per year
ND portion (prorated, see "Change of Track")	\$8,521 approx.

FEES

• Application fee	\$ 75
• Tuition deposit (non-refundable)	\$400
• Advanced-standing transcript evaluation fee	\$ 75
• Health and Safety program fee	\$ 50/term
• Student activity fee	\$ 30/year
• IV Therapy lab fee	\$ 50
• Minor Surgery lab fee	\$ 50
• Nature Cure lab fee	\$ 30
• Qigong lab fee (non-refundable two weeks prior to retreat)	\$185 per retreat (all students)
• Graduation fee	\$100
• Transcript fee	\$ 10

OTHER FEES

• Late payment fee (per term)	\$ 50
• Independent study fee	Per credit rate, when applicable
• Tuition deferment fee (per deferral)	\$ 20
• Clinic add or drop fee	\$ 50

- Change of grade fee \$ 10
- Emergency loan fee \$ 10
- Make-up examination fee \$ 50
- Challenge examination fee 50% of the per credit rate
- Returned check fee \$ 25
- Audit fee 80% of the per-credit rate
- Change of track fee \$500
(per *subsequent* change after one free change)

* All amounts are in U.S. currency

Note—credit cards are not accepted for tuition or fee payment.

TUITION AND FEE PAYMENT POLICY

All tuition and fees listed above are in U.S. currency. NCNM maintains tuition, fee, and refund policies that are fair and uniformly administered. Tuition and fees for each term are payable in full at the beginning of each term. A late payment fee of \$50 will be applied automatically to a student's account by the business office unless the student has paid the tuition or made arrangements (i.e., a deferral promissory note) by the end of the second week of each term.

Students unable to pay their entire tuition must see the business office to make payment arrangements before the due date. A promissory note may be written to defer payment of tuition until the last day of the term. There is \$2,000 deferral limit per term and a \$20 fee will be assessed for each deferral. The business office may deny or rescind a student's eligibility for a promissory note if a student (1) misses the required payment due dates, (2) provides inaccurate or incomplete information, or (3) has a poor credit history. In no case shall a student be permitted to register for a term or take final exams until all tuition and fees are paid in full from previous terms.

Credit for courses will not be given until tuition and fees have been paid in full. No transcripts or diplomas will be issued to students with a balance on their accounts. Diplomas and transcripts for a student whose account is past due will not be released until two weeks after payment in full is received if payment was made by personal check.

Any adjustments or modifications to the schedule of tuition charges are subject to the approval of the Finance Administrator.

SUMMER TERM TUITION

The ND and MSOM programs both include attendance of at least one required summer term consisting of 19 credits ND and 6 credits MSOM. Normally, this is the summer between the student's third and fourth year if she/he is on the four-year program of study, or the summer between the student's fourth and fifth year if the student is on the five-year ND track. For MSOM students in the dual degree program, the required summer is between fifth and sixth year.

CHANGE OF TRACK

Any change of track must have the prior approval of the Department Chair of the appropriate program. The following offices must sign off on all change of track forms: Academic Office, Business Office, Financial Aid Office, and Registrar's Office. **All change of track requests must be completed by week eight of the term prior to the term in which the change is to take effect.**

When a student is matriculated into the dual degree (ND/MSOM) program, no change of track fee will be assessed for the initial change; however, **any subsequent changes will be assessed a change of track fee.**

NCNM EMERGENCY LOANS

Short-term Emergency Loan assistance is available to eligible National College of Naturopathic Medicine students. The maximum amount that can be borrowed is \$500. A \$10 loan-processing fee is charged for each loan. Please contact the Financial Aid Office for an application and for eligibility requirements.

STUDENT RESPONSIBILITIES

1. When students register for classes, they incur charges on their account at NCNM. Students are responsible for payment of all charges on their account by the due date, even if another party is paying the account.
2. Students experiencing financial problems in the payment of any tuition and fees are responsible for contacting the Business Office to make satisfactory arrangements.
3. Students are responsible for keeping NCNM informed of their current address and should submit address changes to the Registrar's Office.
4. Students are responsible for formally withdrawing from classes they wish to drop. Students who fail to formally drop classes during the refund period are responsible for the tuition charges. (See the section on the Add and Drop Policy.)
5. Any assessment or judgment against a student for damage to NCNM property, whether arising from a Student Conduct Code proceeding or a court action, shall be considered money due NCNM as if it were tuition. No transcripts or diplomas will be released to the student until the amount due the College has been paid.

NOTE: The College is not responsible for any loss of or damage to the personal property of a student.

OTHER EXPENSES

Students are required to purchase textbooks and other personal equipment, as well as basic diagnostic equipment for use in courses and clinic. These costs vary from year to year. Costs applicable to a first-year student enrolled in the four-year ND or MSOM program during the 2003-2004 academic year are estimated as follows:

Description	ND Amounts	MSOM Amounts
Tuition	\$17,041	\$13,846
Books and supplies	\$ 1,500	\$ 1,500
Medical Diagnostic Equipment	\$ 875	
Living expenses	\$10,165	\$10,165
Loan fees (if applicable)	<u>\$ 740</u>	<u>\$ 740</u>
TOTAL ESTIMATED COSTS	<u>\$30,321</u>	<u>\$26,251</u>

TUITION AND FEE REFUND POLICIES

If a student finds it necessary to withdraw, either completely or from specific courses, the following policies apply:

- The application fee, submitted with the initial application for acceptance into NCNM, is nonrefundable.
- A total of \$200 of the deposit fee will be forfeited by a student who withdraws after accepting admission but before attending classes.
- Calculation of tuition refunds is based on the date the student begins NCNM's withdrawal process.
- Tuition refunds will first be applied to balances due NCNM. If a student receiving financial aid is eligible for a refund, that refund is returned to the federal financial aid program.

Tuition refunds are calculated according to NCNM's tuition and fee refund policy outlined below:

Week of Term	Tuition Refund Rate
First week	100% of tuition
Second week	75% of tuition
Third week	50% of tuition
Fourth week	25% of tuition

- If a student receiving financial aid is eligible for a tuition refund, that refund is returned to the federal financial aid program. Any refund of tuition and fees resulting from a withdrawal or a reclassification of tuition status must be applied to the recipient's financial aid awards before any payment is made to the student. Tuition refunds are calculated according to NCNM's tuition and fee refund policy. Return of federal Title IV funds is calculated according to Department of Education regulations. See the Financial Aid section for more information.
- Students whose accounts were "paid in full" often have a balance due NCNM after withdrawal. The Title IV return of funds policy operates independently of the College's tuition refund policy. It is possible for a withdrawing student to owe NCNM money because aid must be returned to the Title IV program, but the student is not entitled to a refund of institutional charges.

- Federal regulations for this refund policy allow the school to retain an administrative fee that reduces the institutional charges subject to refund. This fee is 5% of total charges up to a maximum of \$100.
- Furthermore, federal regulations require that any student who has received a loan while attending NCNM and who leaves the College for any reason, including official leaves of absence, must participate in a loan exit interview. Exit interviews are conducted by the Financial Aid Office and can be arranged by calling that office. See the Financial Aid section for more information.

FINANCIAL AID

NCNM participates in federal financial aid programs, including loans and work-study. Financial Aid is available to students enrolled at least half-time in the ND, MSOM, or a combination of both programs. Students who have been accepted at NCNM may apply for federal financial aid. This requires filing a Free Application for Federal Student Aid (FAFSA). These forms are available from the Financial Aid Office or on the Internet at www.fafsa.ed.gov. Students must file a new FAFSA in each year of study. Eligibility for financial aid is determined by using a federal formula outlined by the U.S. Department of Education.

Costs of Attendance

Budgets are established annually by the Director of Financial Aid, and are used to calculate a student's eligibility. Financial aid is awarded in early spring of each academic year, April 30th being the priority packaging date for need-based aid consideration.

As NCNM is a graduate institution, all students are considered "independent" and are eligible to receive the maximum allowable in federal loans. The subsidized amount received will depend partly on the documented financial need and partly on the institutional cost of attendance for the program chosen. To continue to receive financial aid, a student must make satisfactory academic progress as defined by academic policies, and must be enrolled at least half-time to qualify for federal aid.

The Financial Aid Office can advise students about sources of financial aid and budgeting strategies. This office remains an available resource after the student leaves NCNM. Alumni may contact this office for information and confidential counseling on student debts and loan repayment both by phone and at financial-aid@ncnm.edu.

"NCNM ADVANTAGE" PROGRAM

NCNM traditionally used banks as the lenders and service people of federal loans to students through the FFEL Program (FFELP); NCNM has now become an Institutional Lender.

As an institutional lender, NCNM is able to customize the student-lending program in ways that most benefit the students. The institution maintains control over timelines from loan application to student completion, and the transition to institutional lending is seamless. In performing the responsibilities as a lender, NCNM receives the benefits that are normally provided to a lending institution. The program allows NCNM to ensure the availability of educational loan funds for its student population and, at the same time, earn an investment return as a result of providing such assistance to its students. The interest, special allowance, and premium earned on all loans disbursed provide a constant stream of revenue for NCNM. The federal law authorizing the FFELP regulations places limitations on the uses of some of the funds earned by NCNM. These limitations stipulate that interest benefits and special allowance payments be utilized for need-based grant programs.

LOANS

Loans comprise the majority of financial aid at NCNM. Ninety-three percent of students attending the College find it necessary to borrow some funding while completing their program. However, students should keep in mind that these loans are not designed to meet the total student budget to attend programs at NCNM and that the money borrowed will have to be repaid with interest.

The Federal Stafford Loans (Title IV Loans)

Eligible graduate and professional students may borrow a combination of subsidized and unsubsidized loans up to \$18,500 annually under the federal loan program. The current annual subsidized Stafford Loan limit is \$8,500 annually, subject to demonstrated financial need. The current annual maximum loan amount for the unsubsidized program is \$10,000 annually. The combination of both these loans cannot exceed the maximum allowable limit. The subsidized and unsubsidized Federal Stafford Loans currently have an origination fee and a guarantee fee that will be deducted proportionately from the loan proceeds. Generally, repayment of these loans begins six months after the student graduates, withdraws, or falls below half-time status. Complete instructions and individual counseling on loan repayment will be given to students before graduation or at separation from the institution.

Alternative Loan Program

This program is available to students to help offset the cost of their education. It is an alternative to federal loan programs to fill the gap between any other forms of financial aid the student may receive and additional money needed for school. Students should keep in mind that the interest on these loans continues to accrue while enrolled in school and that the interest rates are generally higher than in the federal loan programs.

NCNM Emergency Loans

The College provides emergency loan assistance on a short-term basis to students experiencing financial hardship resulting from unexpected situations. A maximum of \$500 may be borrowed, and an additional \$10 processing fee is charged for each loan. These loans are considered as a last resort, and students must meet with the Director of Financial Aid for consideration.

FINANCIAL AID REFUND PROCEDURE

Students who withdraw from the program before week eight of any term may be eligible for a refund. If a student receiving financial aid is eligible for a refund, that refund is returned to the federal financial aid program. If the amount of the refund exceeds the total amount of aid, the excess will be returned to the student. Federal regulations require that any student who has received a loan while attending NCNM and who leaves the College for any reason, including official leaves of absence, must participate in a loan exit interview. Exit interviews are conducted by the Financial Aid Office and can be arranged by calling that office.

RETURN OF FEDERAL TITLE IV FUNDS

NCNM is required to recalculate federal financial aid eligibility for students who withdraw, drop out, are dismissed, or take a leave of absence prior to completing at least 60% of a semester. Recalculation is done from the actual date the student begins the institution's withdrawal process. For students who leave without notifying the institution, calculations will be made from the last day of recorded attendance or the midpoint of the term. Recalculation is based on formulas that determine the amount of aid earned and the amount of aid to be returned. The formulas used for recalculation can be obtained from NCNM's Financial Aid Office.

Federal refund calculations are completely independent of NCNM's tuition refund policies. Federal Title IV funds are always returned in the order mandated by the U.S. Department of Education. For graduate-level students attending NCNM the order is:

1. Unsubsidized Stafford Loan
2. Subsidized Stafford Loan

NOTE: The Federal Title IV Refund Calculations only apply to withdrawals from all classes. However, if a student changes track, and if there is an adjustment made to her/his tuition charge, the Financial Aid Office will recalculate the student's Cost of Attendance Budget to see if her/his aid eligibility has changed.

EMPLOYMENT

Part-time employment while enrolled in school will help make ends meet. However, due to the demands of the program, students generally find their schedules limit them to working 20 hours per week or less. The Financial Aid Office administers a Federal Work-Study Program and maintains a work-study job board. Several departments also offer non-work-study employment opportunities to students. The Student Affairs Office maintains a bulletin board of these and other employment opportunities.

FEDERAL WORK-STUDY (FWS)

These funds are provided from annual federal funding levels that are matched by College funds. Federal Work-Study allows qualified students to earn money for education by working jobs at NCNM. The College has a variety of jobs available to students: clerical aides, campus guides, library aides, community clinic aides, etc.

FINANCIAL AID POLICY AND DRUG-RELATED CONVICTIONS

Students are ineligible for Federal Title IV Aid if convicted of an offense involving the possession or sale of illegal drugs. The period of ineligibility is contingent upon the offense committed and on whether the student is a first-time or repeat offender. (Information on Oregon and Federal sanctions and periods of ineligibility is available from the Office of Financial Aid and in the Student Handbook.)

DRUG REHABILITATION

To restore Title IV eligibility early, students must successfully complete a qualified drug rehabilitation program that conducts two unannounced drug tests and receives or is qualified to receive funds directly or indirectly from a federal, state, or local government program.

GOVERNMENT PROGRAM

Administered or recognized by a federal, state, or local government agency or court, the rehabilitation program must be qualified to receive or currently receive payment directly or indirectly from a state-licensed insurance company or administered or recognized by a state-licensed hospital, health clinic, or medical doctor.

SCHOLARSHIPS

Money received from scholarship sources does not have to be repaid. At NCNM there are scholarships available for entering students and limited scholarship sources available to students who are matriculated and in at least the second year of study. In order to be assured of full consideration for available scholarships, complete applications for admission and scholarship award, along with all supporting documentation, must be received in the Office of Admissions by the end of January of the year in which enrollment is anticipated.

Dr. Joseph Boucher Scholarship

The Canadian Naturopathic Foundation, CNF (formerly CNER, the Canadian Naturopathic Education and Research Society), will award one \$350 scholarship (the amount is subject to change upon CNF review) to a National College of Naturopathic Medicine student in memory of Dr. Joseph Boucher. The CNF has determined that this scholarship will be awarded to the Canadian citizen student "who at the end of his or her third year, is deemed by National College of Naturopathic Medicine to be the most outstanding student, both scholastically and clinically."

Dr. Wendy Bayley-Jones Memorial Scholarship

The Canadian Naturopathic Foundation, CNF (formerly CNER, the Canadian Naturopathic Education and Research Society), will award one \$350 scholarship (the amount is subject to change upon CNF review) to a National College of Naturopathic Medicine student in memory of Dr. Wendy Bayley-Jones. The CNF has determined that this scholarship will be awarded to the Canadian student selected by NCNM "who is of good academic standing and has given an exceptional contribution of time and energy to the advancement of Naturopathy."

Angeline Fleming Memorial Scholarship

The Canadian Naturopathic Foundation with Dr. Stephen Fleming, a practicing ND, has established a \$350 scholarship (the amount is subject to change upon CNF review) in memory of his wife, Angeline Fleming. The CNF has determined that this scholarship will be awarded to the Canadian student selected by NCNM who has achieved sound academic perseverance and dedication, and has performed volunteer services of benefit to the school and the student body.

Brant Ashton Memorial Scholarship

The Brant Ashton Memorial Scholarship is a restricted fund of National College of Naturopathic Medicine established in memory of Brant Ashton, who passed away as a result of AIDS-related complications. As a gay man, Brant was keenly aware of the impact of HIV in the gay community. After his own HIV diagnosis, Brant left his

successful business and moved from Toronto, Canada, to Portland, Oregon, with his life partner to begin training as a naturopathic physician at National College of Naturopathic Medicine. Brant had a strong interest in homeopathy and wanted to pursue research in the treatment of AIDS.

The Brant Ashton Memorial Scholarship is available to full-time students of National College of Naturopathic Medicine. The scholarship was established specifically to assist those students whose studies include homeopathy and who intend to do AIDS treatment and research or work with those who have HIV/AIDS- related illness.

Helio Scholarship

Helio Medical Supplies Inc. will award a \$1,000 scholarship to a National College of Naturopathic Medicine student who is enrolled in the Master of Science in Oriental Medicine Degree Program. The Classical Chinese Medicine Curriculum Committee has determined that this scholarship will be awarded to the MSOM student selected by NCNM who has consistently exhibited:

- Sound academic standing.
- Exceptional patient care with integration of CCM principles.
- Contributions to furthering CCM program and community development.

(In the event of a tie, the CCM Curriculum Committee will divide the scholarship equally among its chosen recipients.)

NCNM Need-Based Scholarships

As a result of NCNM's institutional lending program, the College yields money each year for need-based assistance.

SCIENTIFIC RESEARCH AT NCNM

Naturopathic and oriental medical research is vital to the successful resolution of the healthcare crisis. NCNM is committed to fully integrating research with our faculty's existing academic and clinical activities. NCNM faculty members are currently participating in NCCAM grants from the National Institutes of Health in collaboration with Oregon Health and Science University, and Kaiser Permanente.

While not all physicians wish to become researchers, our goal is to train all graduating physicians in the critical analysis of research studies, that they may accurately evaluate the quality of studies published in peer-reviewed journals. In addition, practice in case analysis enables graduates to clearly investigate therapeutic results in their practices and share these results via publication in peer-reviewed journals. For those with an interest in research, there are many opportunities to participate in studies.

HELFGOTT RESEARCH INSTITUTE

NCNM's Helfgott Research Institute (HRI) is positioned to carry out high-quality research in clinical, naturopathic, and classical Chinese medicine, while acting as a key element in maintaining a strong collaborative relationship among Portland's complementary and alternative medicine researchers. The Institute's goal is to integrate research into the academic curriculum and provide NCNM students rich opportunities for research experience and training.

Portland provides a unique environment where the pool of investigators working in complementary and alternative medicine is larger than in any other city in the country. The city supports five other alternative medicine colleges, as well as Oregon Health and Science University and Kaiser Permanente Center for Health Research, both centers of National Institutes of Health (NIH) funded in complementary and alternative medicine.

SENIOR INVESTIGATORS

Heather Zwickey, PhD, Director of Research, trained at the world-renowned National Jewish Center Medical Research Center in Denver, Colorado, as well as at Yale University. Her research focus includes using basic science to unravel the mechanisms involved in infectious disease, cancer, autoimmune disease, psychoneuroimmunology, and immunological tolerance.

Cheryl Ritenbaugh, PhD, MPH, has 20 years of experience running clinical trials. Her areas of expertise include nutrition, cancer, diabetes, and osteoporosis. She is the principal investigator for the Women's Health Initiative, as well as for a project investigating the use of Chinese medicine and naturopathic medicine for temporomandibular dysfunction.

Carlo Calabrese, ND, MPH, is a research pioneer in naturopathic medicine, implementing NCNM's first clinical studies and essential in developing Bastyr's research institute. He authored the first naturopathic grant to NIH from a naturopathic institution. Currently an investigator at NIH-funded complementary and alternative medicine centers in Portland, he has conducted nine clinical trials with botanical medicine.

Mikel Aickin, PhD, is a biostatistician with 30 years of experience in the design, conduct, and analysis of clinical trials, observation studies, and basic science. He has been a director of biometry at an NCI-designated comprehensive cancer center and was instrumental in obtaining a CAM center grant at Kaiser. His research focuses on causal analysis and improving methods for early-phase CAM and whole systems research.

To view a current list of faculty and student projects, please visit our web site at www.ncnm.edu.

LICENSING AND CERTIFICATION

NATUROPATHIC PHYSICIANS

Naturopathic physicians practice in most states and Canadian provinces as well as foreign countries under various legal provisions. States and Canadian provinces licensing NDs, at publication, are Alaska, Arizona, British Columbia, Connecticut, Hawaii, Kansas, Maine, Manitoba, Montana, New Hampshire, Ontario, Oregon, Saskatchewan, Utah, Vermont, and Washington. In other U.S. and Canadian jurisdictions, a varying scope of naturopathic practice may be permitted or protected by court decisions, attorney general opinions, or local regulations.

Efforts to enact licensing laws are underway in several states. Also, legislation has been submitted for approval in nine states, including California, Florida, New York, and New Mexico. The best sources of current information about the legal status of naturopathic medicine in a particular area are the American Association of Naturopathic Physicians (8201 Greensboro Drive, Suite 300, McLean, VA 22102 or www.naturopathic.org), state or provincial naturopathic associations, and individual naturopathic physicians practicing in that area.

Currently, all states that license naturopathic physicians require graduation from a residential course of study offered through a college approved by the examining jurisdiction. National College of Naturopathic Medicine meets all requirements and is accredited by the Council on Naturopathic Medical Education. Completion of the ND degree at National College of Naturopathic Medicine or another recognized institution qualifies candidates to sit for a board licensing examination that every applicant must pass to be licensed. Similarly, National College of Naturopathic Medicine graduates are eligible to sit for examination in Canadian provinces that license naturopathic medicine. While each jurisdiction has its own examination requirements, an increasing number use the Naturopathic Physicians License Exam (NPLEX) as part or all of the required testing.

ACUPUNCTURISTS

Graduates of the Master of Science in Oriental Medicine (MSOM) program are eligible to apply for acupuncture licensure in the state of Oregon and to take both the herb and acupuncture exams administered by the National Certification Commission for Acupuncture and Oriental Medicine (NCCAOM), which many states use as a basis for licensure. For additional information, contact NCCAOM, 11 Canal Center Plaza, Suite 300, Alexandria, Virginia 22314, (703) 548-9004, info@nccaom.org. In addition, the MSOM Program is approved by the California Acupuncture Board, allowing graduates to sit for the California licensing exam, and is on the State of New Mexico education program approved list. For additional information concerning acupuncture licensure in the State of California, contact: The Acupuncture Board, 1424 Howe Avenue, Suite 37, Sacramento, CA 95825-3233, (916) 263-2680, fax (916) 263-2654, web site www.dca.ca.gov/acup. For additional information concerning licensure in the State of New Mexico, contact: Board of Acupuncture and Oriental Medicine, 2055 South, Pacheco Street, Suite 400, Santa Fe, NM 87505, (505) 476-7081, fax: (505) 476-7095, email acuormedboard@state.nm.us web site www.rld.state.nm.us/b&c/acupuncture.

ACADEMIC POLICIES

REGISTRATION

New students register for the fall quarter during fall Orientation. The Registrar's Office will notify students regarding registration details for subsequent quarters. All continuing students register for the upcoming academic year's fall classes by the end of spring quarter; however, the Registrar may announce a later registration time.

Students may attend only the specific course sections for which they are registered. Non-adherence to this policy will result in no credit for the course. Students may not register for courses, labs, or clinic shifts that occur at overlapping times. Credit will be earned for only one course during any given segment of time. All changes in courses and sections must be made through the Office of the Registrar.

Students who wish to register for less than the full-time curriculum must receive written approval from the Chair of Naturopathic Medicine or Classical Chinese Medicine. No student may register for or begin classes after the end of the second week of any term.

ELIGIBILITY TO REGISTER

Attendance at NCNM is restricted to students who have been admitted into the ND or MSOM program. Students are allowed to take only courses offered within their program of study.

Graduates of accredited ND or MSOM programs may apply for entry into certificate programs offered at NCNM, provided they meet the specific requirements.

Practitioners seeking continuing education units (CEUs) must contact the Office of Continuing Education.

CHALLENGE EXAMINATIONS

NCNM policy allows an individual to challenge, by examination, the content of a required course. This option is available to students who have appropriate prior coursework as outlined under the Transfer Credit Policies section under Admissions. Transfer evaluations must be made to ensure that the required coursework is equivalent to that offered at NCNM. Such determination shall be based on course content, length of the course, or time passed since the course was taken. To be considered for a challenge exam, the student must:

- Complete transfer credit review during the admissions process to identify which courses may be eligible for challenge.
- Complete a challenge exam form which may be obtained from the Registrar.
- Have the challenge exam application approved by the faculty member and Department Chair in which the course is offered.
- Pay the challenge exam fee.

The challenge exam fee is in addition to the course tuition. For full-time students who successfully challenge a course, there is no tuition reimbursement. See the Financial Policies section for information on fees.

AUDITING

Students may audit a course, space allowing, if they have met the prerequisites, have obtained the instructor's consent, and have registered for the course. The course will appear on the student's official transcript as an audit, even though auditing means that a student will not be evaluated or receive credit. Classes taken as an audit must be declared by the end of the term's second week. Audited courses are not eligible for challenge exams. See the Financial Policies section for information on fees.

ATTENDANCE AND TARDINESS

NCNM expects prompt and regular attendance at classes. Faculty members may require students to attend up to 100% of scheduled classes in order to pass a course. Instructors may take into account habitual tardiness when calculating a course or clinic grade and/or may report it to the Dean of Students for appropriate action under the Student Conduct Code.

GRADING AND PROMOTION

NCNM maintains high standards of scholarship and at the same time recognizes its responsibility to provide each student the best opportunity to complete the program successfully. At the beginning of each course, the instructor is required to define clearly for the members of that class the objectives of the course and the standards and methods by which student achievement will be measured. At the end of each course, each student's performance is reported to the Registrar, using the following grading system:

- H (HONORS) superior performance
- P (PASS) satisfactory performance
- NP (NO PASS) marginal performance (temporary grade)
- F (FAILURE) unsatisfactory performance (permanent grade)
- I (INCOMPLETE) course requirements not yet completed due only to serious illness or bereavement (temporary grade)
- W (WITHDRAWAL) student withdrew from course
- AU (AUDIT)

GRADE OF "NP"

Instructors may give a grade of "NP" when a student is close to passing (within 10%) and can receive tutoring and complete the course requirements within four weeks after grades are posted. "NP" grades that are not satisfied within that time frame automatically change to "F." Some courses do not lend themselves to this approach and it is at the discretion of the instructor whether they use this grade. "NP" may only be converted to a "P," not an "H." An "NP" grade from spring term may be completed up to the end of week two in fall term.

GRADE OF “I”

It is the responsibility of the student receiving an “I” grade to complete the course requirements as specified by the instructor and to see that the Registrar receives proper notification of the grade change. A grade of incomplete that is not converted to a passing grade within four weeks after grades are posted will automatically become a grade of “F.” If the grade of “I” is due to ongoing illness and cannot be made up within four weeks, the student will be required to take a medical leave of absence for the quarter, and a grade of “W” be given for the class. Withdrawal will affect the student’s ability to continue in certain course sequences in subsequent quarters. An “I” grade from spring term may be completed up to the end of week two in fall term.

GRADE OF “F”

When a student receives a failing grade in a required course, she/he must repeat the class the next time it is offered, usually the next year. The student is prohibited from continuing on in any courses for which the failed course is a prerequisite. The student will repeat the course at the current per-credit rate.

ACADEMIC ADVISING

The academic advising program is administered under the Chairs of each program and is provided by the Associate Chair for Academic Affairs. Guidance is available to assist in creating a personal timetable for students on an extended program, as well as for academic and professional progress. Although students are not required to consult with an advisor, students who are not making satisfactory academic progress must consult with the Associate Chair for Academic Affairs. Students who are pursuing any program other than the standard four-year ND, four-year MSOM, or 6-year dual degree program must confer with the Associate Chair for Academic Affairs to ensure all requirements are met. In certain circumstances, the Associate Chair for Academic Affairs may assign a student to a faculty member for assistance through a difficult period.

The Associate Chair for Academic Affairs is responsible for advising on:

- Academic probation.
- Changing tracks (4 to 5 year, etc.).
- Leaves of absence (regular or medical).
- Questions regarding the Dual Degree program.
- Requests for permission to take exams early or late in extraordinary circumstances only.
- Independent studies.
- Grade appeals.
- General referrals.

SATISFACTORY ACADEMIC PROGRESS

Students must maintain satisfactory academic progress toward a degree in order to continue in the program. Moreover, federal regulations require that financial aid applicants and recipients maintain satisfactory academic progress toward their degrees. Satisfactory academic progress is defined as follows:

- Students must achieve a Pass or Honors grade in all required courses.
- Students must pass a minimum of 33 credits in an academic year, including all required courses for full-time ND, MSOM, or dual degree.
- Students must complete all coursework and meet graduation requirements within six years of matriculation into the MSOM program, or within seven years into the ND or dual program.
- Students must successfully pass the series of Graduate Proficiency Assessments (GPAs) required in the ND clinical training sequence.

ACADEMIC PROBATION

Students failing required courses will be placed on Academic Probation I. Once the course is repeated and passed, the student will be removed from Academic Probation I. If a student receives a second failure grade in the same or subsequent term, s/he will be placed on Academic Probation II. All students who fail courses will be issued an academic contract from the Registrar. This agreement will delineate a timetable for repeating failed courses and requires that the student not fail any other required courses during the probationary period. If the terms of the agreement are met, the student will be removed from Academic Probation. This agreement will allow the student to maintain eligibility for financial aid. However, veterans who are on probation for more than one term may be disqualified for benefits by the Veterans Administration.

ACADEMIC AND CLINICAL PROGRESS COMMITTEE

Students who fail to fulfill the terms of their academic contract must come before the Academic and Clinical Progress Committee. The Associate Chairs of Academic Affairs, the Registrar, and the Dean of Students serve as the Academic Progress Committee. The function of this committee is to review student progress on a quarterly basis. Essential elements reviewed include failure of a course or clinic shift, unprofessional conduct, or instructor concerns. The Academic and Clinical Progress Committee will evaluate the situation, meet with the student, and recommend action to the Department Chair. Possible actions include:

1. Suspension from NCNM or from a specific program for up to one year.
2. Dismissal from NCNM or from a specific program.

Dismissals from the College will occur automatically in the following cases:

- Failure to satisfy an Academic Probation II contract.
- Failure of two clinic shifts in an academic year.
- Failure of three required classes in a given term.
- Failure of two sequential classes.
- Failure of same class twice.
- Violations of professional conduct.
- Failure to meet the technical standards.

APPEAL OF ACADEMIC DISMISSAL

A student suspended or dismissed will have ten days from the date of the academic dismissal notification to appeal, in writing, to the Vice President for Academic Affairs. Such an appeal must include the basis for the appeal and provide a detailed plan for successful completion if the student were allowed to remain enrolled. The Vice President for Academic Affairs will respond with a final decision. See grievance policy in the Student Handbook.

EXAMINATION SCHEDULE CHANGE

Students are required to complete all examinations on schedule. Detailed procedures for deferring exams are outlined in the Student Handbook. A student may postpone exams for health reasons no more than twice in the same academic year. Need for a third examination deferred for health reasons requires meeting with the Dean of Student Affairs. See Student Handbook for details regarding missing an exam due to illness, family emergency, or bereavement. See Financial Policies section about fees.

Deferred exams must be taken within one week of the original examination date and may be scheduled through the specific academic department or clinic director. Students who defer exams will be asked to sign an affirmation prior to taking the exam that they have not received knowledge about the exam from other students.

Students in the OB certificate program who miss an exam due to attending a birth must provide documentation from the supervising doctor and arrange a make-up exam. In this case they are exempt from make-up exam fees.

GRADUATION REQUIREMENTS

Candidates for graduation must:

1. Satisfy all courses in the prescribed curriculum.
2. Satisfy clinic requirements.
3. If a transfer student, complete at least the final year of professional training enrolled as a student at National College of Naturopathic Medicine.
4. Satisfy all financial obligations to NCNM.

Only students who have completed all their academic coursework and clinic hours by the scheduled commencement ceremonies may participate in the ceremony and in taking the oath. Students who have not completed all requirements may participate in the following year's ceremony.

VOLUNTARY LEAVE OF ABSENCE

A student may apply for a leave of absence of up to one year, which entitles the student to re-enter NCNM provided there is space in her/his class during the next calendar year. Students taking less than a full year off often can not continue with a full class load due to sequential courses and missing prerequisites. The Associate Chair for Academic Affairs can guide students through their new schedule.

The Registrar must be advised of a student's intention to return to NCNM at least one month before the beginning of the academic term in which she/he plans to register. If a student does not return within one year, she/he will be considered withdrawn from NCNM. A leave of absence normally will be granted to any student who is in good standing (i.e., has no outstanding grades of Incomplete or Failure for required courses and is not on academic or disciplinary probation), and who has satisfied all financial obligations to NCNM.

MEDICAL LEAVE OF ABSENCE

In the case of a medical leave of absence, which may be granted to a student on academic probation, appropriate documentation is required from the attending physician. The physician must indicate the necessity of granting the leave and, subsequently, the student's fitness for returning to the program.

If a student on leave does not return within one year, she/he will be required to submit a new application for admission. The student will need to satisfy admission requirements in effect at the time of reapplication, but may request that the application fee be waived.

WITHDRAWAL FROM SCHOOL

Students may initiate formal withdrawal by first contacting the Associate Chair for Academic Affairs, then meeting with the Department Chair and completing an exit interview. Students withdrawing at any time during the school year must complete the Status Change Form available in the Registrar's Office. Failure to register for any term will be considered a withdrawal, and the student will need to submit a new application for admission in order to enroll again. In this case, the application fee will not be waived.

FEDERAL LOAN EXIT INTERVIEWS

Federal regulations require that any student who has received a federal loan while attending NCNM and who leaves for any reason, including official leaves of absence, must participate in a loan exit interview. Loan exit interviews are conducted by the Financial Aid Office.

INDEPENDENT STUDY

A required course may be completed as an independent study only in exceptional circumstances. This may be an option for students who have a scheduling conflict for required courses when it is not academically beneficial to delay taking the class until the following year. Scheduling conflicts of this sort may occur for transfer or second professional degree students admitted with advanced standing or for students who have had their normal program progress interrupted (e.g., medical leave of absence). This option does not apply to students following standard program plans. Independent studies may be arranged for required courses by contacting the Associate Chair for Academic Affairs, who will in turn obtain the approval from the appropriate faculty and Department Chair. See the section on Financial Policies for fee information. A fee will normally be charged for an independent study only if the student is on an approved part-time plan and is paying tuition per credit.

CONDUCT AND PROFESSIONAL STANDARDS

NCNM expects all students to maintain professional standards of conduct and appearance. These standards are found in the academic and nonacademic policies and procedures section of the Student Handbook and in the material designed to guide student clinicians. The Naturopathic oath, the classical Chinese Medicine oath, state laws and regulations, and documents of professional organizations such as the American Association of Naturopathic Physicians provide further insight concerning professional standards of conduct. The Student Conduct Code in the Student Handbook specifies procedures for investigating violations of College policies and the sanctions that may be imposed.

ACADEMIC FREEDOM

NCNM faculty and students are free to question, discover, and test all knowledge appropriate to their discipline as judged by the academic community in general.

STUDENT RECORDS

The Registrar maintains permanent records of each student enrolled at NCNM. A student's record contains an application file, personal information necessary for the business of NCNM, grade reports, and records of any official action by NCNM concerning that student. The Business Office, Financial Aid Office, Office of Student Affairs, and Academic Office may also maintain student files as required by their respective functions. These records may be examined by the individual student upon written request. NCNM adheres to the intent of the Family Educational Rights and Privacy Act of 1974 (the Buckley Amendment) and to that end will observe the following guidelines:

- College officers may review student records.
- NCNM holds the following information as directory information, which may be disclosed in response to legitimate requests: name, address, telephone number, email address, dates of attendance, class schedule, enrollment status (Full-time, Part-time, Leave of Absence), academic program, graduation date, and awards received.
- Personal information about students will not be shared with third parties on or off campus except as directed in writing by the student, the courts, or governmental authorities.
- A student who believes information contained in official records is inaccurate, misleading, or a violation of privacy may request that the records be amended.
- A student has the right to file complaints with the appropriate agencies concerning alleged failures by NCNM to comply with applicable laws and rules, and/or their implementing regulations.

- In the event of a disagreement between student and administration as to the disposition of an issue, the student has the right to have placed in her/his academic file a statement reflecting her/his position.

Each student is responsible for furnishing, completely and accurately, all information required by NCNM so that it may perform its proper function as an educational institution. If a student's circumstances change, e.g., name, address, financial situation, etc., she/he is responsible for seeing that appropriate College officials are informed of the changed circumstance as soon as possible.

No part of a student's file, except directory information, as noted above, will be released to any person outside of NCNM without written consent of the student, except as required by law. Records for students attending NCNM under the provisions of the Veterans Administration will be accessible to certain authorized state and federal personnel without prior consent in accordance with 45 CFR, part 99.31 and part 99.35.

The Buckley Amendment does not apply to employment situations, nor does it apply to candidates for matriculation to NCNM. However, Human Resources and the Office of Admissions adhere strictly to guidelines of professional conduct. All student admission applicant and employee applicant records are the property of NCNM and will not be released or returned except as outlined above.

CHANGE OF PROGRAM TRACK

Students desiring a track change must meet with the Associate Chair for Academic Affairs and get subsequent approval of the Department Chair. The following offices must sign off on all change of track forms: Associate Chair for Academic Affairs, Department Chair, Business Office, Financial Aid Office, and Registrar's Office. Change of track requests must be completed by the end of week eight of the term prior to the term the change will take effect. For example, the form must be completed by week eight of fall term for a winter term change. Charges and refunds will be based on the fee structure of the new track. See the Financial Policies section for information on fees.

ADDING/DROPPING COURSES

To add or drop a course a student must submit an add/drop form to the Registrar. The Department Chair's signature is required for all required courses. In addition, students who are on federal financial aid and whose reduced course loads change their status from full-time to part-time must meet with the Director of Financial Aid. Classes may be added, dropped, or changed to audit (electives only) during the first two weeks of the term as well sections may be changed within this time. Courses may be dropped after the second week of the term only with instructor's signature. After the end of week four a student who withdraws from a course will receive a grade of "W" recorded on her/his transcript.

Clinic shifts can be added or dropped during a designated period within negotiation week. Specific dates are posted at the top of the clinic schedule each term. For a designated time

after the posted deadline for adding/dropping a clinic shift, a \$50 fee is assessed. Beyond that time there is no longer an option to add or drop a clinic shift.

FULL-TIME/HALF-TIME STUDENT STATUS

Full-time student status requires enrollment of no fewer than 11 credits per term. Students who are on financial aid who reduce their course loads from full-time to part-time status must meet with the Director of Financial Aid. Half-time student status requires enrollment of at least 5.5 credits and no more than 11 credits per term.

STUDENT AFFAIRS

STUDENT GOVERNMENT ASSOCIATION

The student body of NCNM operates under a constitution that provides an effective structure of organization and unity. The Student Government Association recognizes and respects that different circumstances have brought each student to NCNM. The Student Government Association recognizes that members of the NCNM family share common interests and strive to create a supportive and cooperative community wherein both common and individual purposes can best be accomplished. The NCNM Student Government Association is the organization that unifies the student body, provides a formal student voice to other constituencies within NCNM, and develops additional opportunities for social and academic growth of the individual and the student body.

All members of the student body are encouraged to participate in the Student Government Association to the extent that they feel comfortable. Many students become active members of SGA committees. These committees are a large part of the process by which the Student Government Association serves the student body.

HEALTH AND SAFETY PROGRAM

In accordance with applicable federal, state, and local regulations, NCNM has established safety policies and procedures. Students are required to participate in annual training in emergency procedures, hazard communication, tuberculosis control, exposure control, standard precautions, and personal protective equipment. Students are also expected to comply with all policies associated with the NCNM health and safety program. There is a Health and Safety fee to assist in the cost of these procedures. (See the Financial Policies section.)

As health care workers, students are required to participate in annual tuberculosis surveillance. Although it is not required, students are offered the hepatitis B vaccine.

Note: Students must show proof of current Red Cross CPR certification upon entering the program. The American Red Cross offers trainings regularly, and NCNM hosts on-campus trainings periodically.

CAMPUS SECURITY/CRIME STATISTICS

In compliance with the Student Right to Know Act, and with U.S. Public Law 101-542, the Crime Awareness and Campus Security Act of 1990, NCNM maintains, publishes, and distributes campus crime statistics annually. Crime statistics for the most recent years are distributed to prospective students and all campus constituencies during annually required safety training. Statistics are also posted on the campus safety board and published in the Student Handbook. Current information is always available upon request from the campus Safety Officer.

COUNSELING SERVICES

Several types of counseling are available to students. For admission candidates and individuals interested in the programs offered by NCNM, Admissions Counselors are

available in the Office of Admissions to answer questions. Financial Aid administrators are available to students for financial counseling. Academic advising is administered by Department Chairs and through the Associate Chair for Academic Affairs. Students, faculty, and administration work in conjunction to foster an atmosphere conducive to academic success and personal growth. Additionally, the Student Affairs Office coordinates personal counseling with licensed professionals.

HEALTH CARE SERVICES

See Student Handbook.

HEALTH INSURANCE

It is highly recommended that students carry their own health insurance while at NCNM.

HOUSING

Although on-campus housing is not available, NCNM is located near residential areas with ample rentals at reasonable rates. NCNM maintains listings of housing notices. Students may contact the Student Affairs Office for additional information.

STUDENT IDENTIFICATION CARDS

All students receive a photo identification card at fall registration. Wearing a photo ID is recommended at all college facilities and required at all NCNM clinics and for entrance to the main campus after hours. This card will also allow students to check out library books at the NCNM library and at several other Portland college libraries (Oregon Health and Science University, Oregon College of Oriental Medicine, Western States Chiropractic College, and Linfield College, Portland campus) with which NCNM has borrowing agreements.

SUBSTANCE ABUSE POLICY AND PROGRAM

A copy of the Substance Abuse Policy and Program is contained in the Student and Employee Handbooks. NCNM is in compliance with U.S. Public Law 100-297 and the Improving America's Schools Act of 1994 (U.S. Public Law 103-382), and is legally required and morally committed to the prevention of illicit drug use and the abuse of alcohol by both students and employees. NCNM policy prohibits unlawful possession, use, or distribution of illicit drugs by students or employees on or off the College premises. Employees and students are prohibited from being on NCNM premises while under the influence of alcohol or drugs. Violations of College policies are handled according to the Student Conduct Code as articulated in the Student Handbook.

TECHNICAL STANDARDS

All incoming students are required to read and sign a technical standards form. These are the minimum standards required for participation in the program. Students who are unable to comply with these standards will be asked to withdraw from the program.

CHILDREN ON CAMPUS

NCNM facilities cannot accommodate children over six months of age due to insurance restrictions. Babysitting is not available on campus, nor is it possible to make private arrangements for on-campus babysitting. Parents are required to make suitable arrangements for off-site child care so that they can attend class.

REMOTE CLASSROOM

Remote classrooms with audio/video live feeds are available for nursing mothers and others only with the permission of the Dean of Students. Please note, not all classes are available for remote viewing due to the nature of some classes and specific instructor requirements. Babies in arms are permitted in remote rooms, but parents must find off-site child care once babies begin crawling or are older than twelve months of age. Due to academic concerns regarding class participation and video education, students are permitted to use the remote classroom for a maximum of two terms during their degree (or dual degree) program at NCNM.

LIBRARY

National College of Naturopathic Medicine's library occupies over 4,500 square feet on the first floor of the Ross Island campus and contains an important collection of naturopathic and oriental medical material. During the academic year, the library is open Monday through Saturday.

GENERAL COLLECTION

The general collection includes both classic and modern works of natural medicine as well as current books from the bio-medical sciences. Overall, the collection consists of over 13,000 volumes of books, videos, and audio cassettes including an Oriental medicine collection of more than 900 volumes on philosophy, cultural history, acupuncture, herbology, qigong, and other subjects pertaining to Oriental medicine. The periodicals collection consists of several hundred paper and online subscriptions on naturopathic medicine, nutrition, herbal medicine, homeopathy, Chinese medicine, complementary therapies, and the biomedical sciences. The library shares an Internet-accessible catalog with Oregon Health and Science University.

RECIPROCAL LENDING RELATIONSHIPS

Library materials are available to students, faculty, and staff of the National College of Naturopathic Medicine, Oregon Health and Science University (OHSU), Western States Chiropractic College (WSCC), Oregon College of Oriental Medicine (OCOM), and Linfield College, Portland campus. With a current NCNM identification card, NCNM students, faculty, and staff may check out materials at these other four institutions.

RARE BOOK ROOM

A climate-controlled rare book room houses the Dr. Benedict Lust collection, founder of the first U.S. school of naturopathic medicine at the turn of the 20th century and publisher of numerous naturopathic books and journals. In addition, the rare book collection includes antique homeopathy books, journals, anatomical models, and medical equipment.

SPECIAL COLLECTIONS

In addition to the general collection, the library maintains a reference collection, a reserve collection of required and recommended texts, and an audiovisual collection that includes tapes of lectures and presentations by well-known guest speakers. Only students from National College of Naturopathic Medicine are eligible to check out material from the special collections. Reference books, rare books, and journals do not circulate.

ELECTRONIC RESOURCES

The library houses audiovisual equipment and an audiovisual collection that includes tapes of lectures and presentations by well-known guest speakers. More recently, the library has been building an extensive electronic resource collection, including MDConsult, CHANT, and other full-text databases. Only students from National College of Naturopathic Medicine are eligible to check out material from the reserve collection. The library also maintains computers for student use. These computers are connected to

the Internet and provide access to word processing, nutrition, homeopathy, naturopathic, herbal programs, and oriental medicine.

BOOKSTORE

The NCNM bookstore carries all texts and equipment for classes along with a variety of related books, supplies, clothing, stationery, postage stamps, and sundries. Rare, unusual, and hard-to-find alternative medical books can be purchased through special order.

Students should direct all inquiries to the bookstore manager. Bookstore hours are 9:00 a.m. to 4:00 p.m., Monday through Friday.

FACILITIES

ACADEMIC FACILITIES-THE ROSS ISLAND CAMPUS

Located one mile south of downtown Portland on the west side of the Willamette River, NCNM's Ross Island campus houses most academic and administrative functions. The river and two snow-capped peaks, Mt. Hood and Mt. St. Helens, enhance the views out many windows on the north and east sides of the historic three-story, red-brick building. The 60,000-square-foot main campus houses classrooms and lecture halls, laboratories, the library, and the bookstore, with 3,600 square feet of ancillary office space located across the street for some administrative functions.

In proximity to this campus are Oregon Health and Science University and Portland State University, two urban institutions of higher education whose learning facilities are available to NCNM students.

THE FIRST AVENUE CLINIC

The naturopathic medical clinic is located at 2220 SW First Avenue, within blocks of the Ross Island campus. Consultation, examination, and treatment rooms serve a wide range of clinical offerings, including primary naturopathic care, and, more specifically, hydrotherapy, physical therapy, colonic irrigation, gynecology, classical and traditional Chinese medicine, and minor surgery. This site also features a natural products dispensary that is open to the public and a state-licensed laboratory that is available to physicians in the community.

THE PETTYGROVE CLINIC

The classical Chinese medicine teaching clinic is located at 2232 NW Pettygrove Street. This clinic is situated in a densely populated neighborhood near a hospital and a high concentration of medical offices. An ideal environment for practicing classical Chinese medicine, the clinic offers many treatment and conference rooms, an extensive Chinese medicine dispensary, and a workshop/teaching space where medical qigong is offered.

COMMUNITY CLINICS

NCNM operates over a dozen community clinic sites in partnership with other nonprofit organizations throughout the Portland metropolitan area. NCNM provides medical directorship for the Outside-In clinic for street youth, and many community clinics serving targeted populations such as geriatric and various ethnic populations. In addition to providing natural health care to underserved populations, the community clinics provide NCNM students the opportunity to work with a broad range of patients suffering from a variety of medical complaints. NCNM was recently recognized for providing a majority of the health care to Portland's underserved populations and having a direct impact on Portland's recognition in the U.S. government's Healthy People 2010 initiative.

DEPARTMENT OF PROFESSIONAL ADVANCEMENT

The Department of Professional Advancement is a new department at NCNM that is dedicated to enhancing the professional development of alumni and faculty. This department will ultimately coordinate all activities and programs for graduates including the residency program, career placement, alumni support, outreach and public speaking opportunities, advanced certificates in natural medicine, and continuing education. The goal of this department is to assist in creating a smooth transition between school and professional life and to support alumni in exploring all of their professional options—private or group practice, research, teaching, working in the nutraceutical industry, or working with underserved communities in this country or abroad.

RESIDENCY PROGRAM

The Residency Program will be administered through the Department of Professional Advancement beginning this academic year. (Please see Residency Program section, p.35, for details of the program.)

CONTINUING EDUCATION

NCNM is committed to offering quality continuing education programs that address the needs of alumni and the profession at large. In addition to weekly Naturopathic Grand Rounds open to the local naturopathic community, the College offers evening and weekend seminars and certifies some advanced classes for continuing education.

CERTIFICATE PROGRAMS

Advanced certificates in areas of specialization such as homeopathy, naturopathic obstetrics, qigong and shiatsu will be administered through this department beginning in the current academic year.

DEPARTMENT OF MARKETING AND DEVELOPMENT

The mission of the Department of Marketing and Development is to support NCNM's growth by increasing public awareness of the College and by helping the College find resources to advance its mission. Naturopathic and Chinese medicine offer cost-effective solutions to the crisis precipitated by the high cost of health care in the U.S. The goal of this department is to network with community and national leaders who are looking for such solutions—fostering relationships in business, government, health care, and philanthropy with like-minded individuals and organizations.

ORGANIZATION AND GOVERNANCE

NCNM is a nonprofit 501(C)3 corporation organized under Oregon law. The College is governed by a Board of Directors whose members serve three-year terms and represent the general community. The Board of Directors oversees the organization and exercises management through the President. NCNM's day-to-day operations are performed by the President, administration, faculty, and staff.

BOARD OF DIRECTORS

Executive Committee Members:

Chair	Scott D. South
Vice-Chair	David Greenspan, ND
Secretary	Mark T. Waller
Treasurer	Kathy Long Holland, MA, MBA
President, Ex-Officio	William J. Keppler, PhD
Provost, Ex-Officio	Pauline A. Baumann, ND

Directors:

Doug Campbell
John Campbell, PhD
Adolph J. Ferro, PhD
Nancy W. Garbett, MEd
Edward N. Hall
Michael G. Manes
David Shefrin, ND
Arthur A. Vandenbark, PhD

Campus Representation (Non-Voting):

Faculty Representative	Richard Barrett, ND
Staff Representative	Brenda Sodowsky
Student Representative	Tabatha Parker, ND 4

ADMINISTRATION

Central Administration

President, *William J. Keppler, PhD*
Director of Special Projects and Safety, *Susan Yirku*
Administrative Assistant, *Brenda Lashbrook, MA*
Interim Provost and Vice President for Academic Affairs, *Pauline Baumann, ND*
Executive Assistant, *Kate Windstar, MA*

Office of Institutional Research and Assessment

Executive Director of Institutional Research and Assessment, *Andrea Smith, MA*
Director of Accreditation, *Laurie McGrath*

Human Resources

Director of Human Resources, *Naomi Smith*

Physical Operations

Chief Campus Support Services Officer, *Glenn A. Taylor, MSFS*

Business Office

Financial Administrator, *William McMillen, MBA*
Student Transactions, *Tricia Jamison*
Bookstore Manager, *Kathy Duerr*
Bookstore Assistant, *Mathew Jernstedt*

Department of Marketing and Development

Vice President of Marketing and Development-*vacant*
Director of Advancement, *Susan Hunter*,

ACADEMIC AFFAIRS**Professional Advancement**

Director of Continuing Education & Outreach, *vacant*
Associate Dean of Graduate Medical Education, *Catherine Downey, ND*
Associate Director of Professional Advancement, *Carol Demar*

Department of Holistic Medical Sciences

Chair of Holistic Medicine, *John Brons, PhD, MAcOM*

Department of Naturopathic Medicine

Chair of Naturopathic Medicine, *Dick Thom, DDS, ND*
Associate Chair for Academic Affairs, *vacant*
Director of Naturopathic Clinical Education, *vacant*
Associate Registrar for Clinical Education, *Angela Gaia*

Department of Classical Chinese Medicine

Chair of Classical Chinese Medicine, *Heiner Fruehauf, MA, PhD*
Associate Chair for Academic Affairs, *James D. Cleaver*
Director of Classical Chinese Clinical Education, *Tamara Staudt, ND, MSOM*

Helfgott Research Institute

Director of Research, *Heather Zwickey, PhD*
Research Coordinator, *Tara Herrick*

Library

Head Librarian, *Rick Severson, MA, PhD*
Librarian, *Friedhelm Kirckfeld, MLS*
Librarian Assistant, *Denis Brunke*

Student Affairs

Dean of Student Affairs, *Andrew McPheeters, MA*
Student Services Coordinator, *Bethany Ebersole*
Director of Admissions, *Ron Sellner, PhD*
Admissions Counselor, *Anna Lewis, MA*
Admissions Counselor, *Erin Sutherland*
Administrative Assistant, *Jedidiah Chavez*
Director of Financial Aid, *Laurie Radford*
Registrar, *Kelly Garey*
Student Records Specialist, *Stephen Smith*

NCNM FACULTY

DEPARTMENT OF HOLISTIC MEDICAL SCIENCES

Full Time

John Brons, Associate Professor; PhD, UCLA, 1978; MAcOM, Oregon College of Oriental Medicine, 1993.

Adjunct

T. Ann Blair, Assistant Professor; PhD, Oregon State University, 1990.

Bill Borman, Associate Professor; PhD, Medical College of Wisconsin, 1994.

Elizabeth Collins, ND, National College of Naturopathic Medicine, 1996.

Bracey Dangerfield, PhD, Maharishi International University, 1992.

Mark Kaminski, Professor; MS, Northwestern University, 1979.

Sandra Szabat, MPH, University of California, Berkeley, 1983; ND, National College of Naturopathic Medicine, 1998

Heather Zwickey, Assistant Professor; PhD, University of Colorado Health Sciences Center, 1998.

DEPARTMENT OF NATUROPATHIC MEDICINE

Full Time

Richard Barrett, Associate Professor; ND, National College of Naturopathic Medicine, 1986.

Rita Bettenburg, Associate Professor; ND, National College of Naturopathic Medicine, 1989.

Gregory Garcia, Assistant Professor; ND, National College of Naturopathic Medicine, 1988; MAcOM, Oregon College of Oriental Medicine, 2000.

Dohn Kruschwitz, Associate Professor; MD, University of Iowa College of Medicine, 1966; ND, National College of Naturopathic Medicine, 1997

Judy Peabody, Assistant Professor; ND, National College of Naturopathic Medicine, 1988.

David B. Russ, Assistant Professor; DC, New York Chiropractic College, 1998.

Steven Sandberg-Lewis, Professor; ND, National College of Naturopathic Medicine, 1978.

Will Taylor, Associate Professor, Certificate Administrator; MD, University of Vermont College of Medicine, 1983.

Dickson Thom, Chair of Naturopathic Medicine, Associate Professor; DDS, University of Toronto, 1974; ND, National College of Naturopathic Medicine, 1989.

Robert Wilson, Assistant Professor; MS, Michigan Technological University, 1972; ND, National College of Naturopathic Medicine, 1993.

Kimberly Windstar, Assistant Professor; MEd, California State College, 1982; ND, National College of Naturopathic Medicine, 1991.

Adjunct

- Joel Agresta**, DC, Western States Chiropractic College, 1983.
- Mikel Aickin**, PhD, University of Washington, Biomathematics, 1976.
- Satya Ambrose**, ND, National College of Naturopathic Medicine, 1989.
- Sharleen Andrews-Miller**
- Diipali Barrett**, ND, National College of Naturopathic Medicine, 1990
- Audrey Bergsma**, ND, National College of Naturopathic Medicine, 1996.
- Jan Selliken Bernard**, ND, National College of Naturopathic Medicine, 1996
- Laurent Chaix**, ND, National College of Naturopathic Medicine, 1995.
- John G. Collins**, Associate Professor; ND, National College of Naturopathic Medicine, 1978.
- Walter J. Crinnion**, Associate Professor; ND, Bastyr University, 1982.
- Edith Dal Mas**, DC, Western States Chiropractic College, 1987.
- Daniel DeLapp**, Associate Professor; DC, Los Angeles Chiropractic, 1986; MAcOM, Oregon College of Oriental Medicine, 1996; ND, National College of Naturopathic Medicine, 1997.
- Catherine Downey**, Associate Professor; ND, National College of Naturopathic Medicine, 1979.
- Trish Egan**, MFA, University of Portland, 1993.
- Robert Ellis**, Assistant Professor; PhD, Microbiology, University of Health Sciences/Chicago Medical School, 1983.
- Durr Elmore**, Associate Professor; DC, Western States Chiropractic College, 1982; ND, National College of Naturopathic Medicine, 1984, MSOM, National College of Naturopathic Medicine, 2003.
- Kelly Fitzpatrick**, ND, Bastyr University, 1999.
- Karen Frangos**, ND, National College of Naturopathic Medicine, 1997.
- Adolfo Freinquel**
- Steve Gardner**, Assistant Professor; DC, Western States Chiropractic College, 1977; ND, National College of Naturopathic Medicine, 1994.
- Elliot Geller**, MSW, Portland State University, 1980.
- James M. Gerber**, Associate Professor; DC, Western States Chiropractic College, 1981; MS, University of Bridgeport, 1987.
- Ken Goldberg**, MD, Wayne State University, School of Medicine, 1988.
- Joanne L. Gordon**, MS, Quinnipiac College, 1995; ND, Southwest College of Naturopathic Medicine, 2000.
- Mary Grabowska**, ND, National College of Naturopathic Medicine, 1993; MAcOM, Oregon College of Oriental Medicine, 1994.
- Victoria Hudson**, Professor; ND, National College of Naturopathic Medicine, 1984.
- Pamela Jeanne**, ND, National College of Naturopathic Medicine, 1990.
- Keivan Jinnah**, ND, MSOM, National College of Naturopathic Medicine, 1998.
- Rosetta Koach**, ND, National College of Naturopathic Medicine, 1999.
- Leslie Korn**, PhD, The Union Institute, 1996.
- Janis M. LaRue**, JD, University of Detroit Mercy, 1980.
- Nicole J. Levitt**, DC, Western States Chiropractic College, 1995.

Russel Marz, MAcOM, Oregon College of Oriental Medicine, 1994; ND, National College of Naturopathic Medicine, 1979.

Susan Gaia Mather, ND, National College of Naturopathic Medicine, 1990.

Jennifer Means, ND, National College of Naturopathic Medicine, 1995; MAcOM Oregon College of Oriental Medicine, 1995.

Chris D. Meletis, Assistant Professor; ND, National College of Naturopathic Medicine, 1992.

Marcus N. Miller, MD, Louisiana State University Medical School, 1982; ND, National College of Naturopathic Medicine, 2001.

Martin Milner, Associate Professor; MA, University of Rhode Island, 1975; ND, National College of Naturopathic Medicine, 1983.

Virginia G. Osborne, ND, National College of Naturopathic Medicine, 1995.

Heidi Peterson, ND, National College of Naturopathic Medicine, 1999.

Cindy Reuter, ND, MSOM, National College of Naturopathic Medicine, 2001.

Susan M. Roberts, ND, National College of Naturopathic Medicine, 1989.

Ingrid Rose, PhD, University of Western Sydney, 2001.

Phyllecia Rommel

Nancy A. Scarlett, ND, National College of Naturopathic Medicine, 1997.

M. Catherine Schaefer, ND, National College of Naturopathic Medicine, 1983.

Suzanne Scopes, ND, National College of Naturopathic Medicine, 1985.

Timothy Sellers, DC, Western States Chiropractic College, 1985.

Jill Stansbury, Assistant Professor; ND, National College of Naturopathic Medicine, 1988.

Eric Stroud, DC, Western States Chiropractic College, 1995.

Sally Swan

Nora Tallman, Assistant Professor; ND, National College of Naturopathic Medicine, 1986.

Tyrone Wei, Associate Professor; DC, Western States Chiropractic College, 1979.

Ken Weizer, ND, National College of Naturopathic Medicine, 1999.

Katherine Ziemann, ND, National College of Naturopathic Medicine, 1993.

DEPARTMENT OF CLASSICAL CHINESE MEDICINE

Full Time

Xiaoli Chen, Instructor; PhD, Chengdu University TCM, Chengdu, China, 1994.

Jim Cleaver, Instructor.

Heiner Fruehauf, Professor; MA, University of Chicago, 1986; PhD, University of Chicago, 1990.

Guohui Liu, Master of Medicine, Chengdu University of TCM, Chengdu, China, 1985.

Mengke Kou, Instructor; Master of Medicine, Chengdu University of TCM, Chengdu, China, 1989.

Rihui Long, Classical Chinese Medicine Chief of Staff, Instructor; Master of Medicine, Chengdu University of TCM, Chengdu, China, 1984.

Youping Qin, Instructor; Master of Medicine, Chengdu University of TCM, Chengdu, China, 1999.

Tamara Staudt, Classical Chinese Medicine Clinic Director, Instructor; ND, MSOM, National College of Naturopathic Medicine, 1998.

Arnoud Versluys, Doctor of Chinese Medicine, Chengdu University of TCM, Chengdu, China, 2002.

Haosheng Zhang, Instructor; Master of Medicine, Chengdu University of TCM, Chengdu, China, 1990.

Zhongxian Wu, BS, Xi'an University of Electronic Science and Technology, Xi'an, China, 1989.

Adjunct

Junlan Cai, Bachelor of Medicine, Chengdu University of TCM, Chengdu, China, 1982.

William Frazier, Licentiate in Acupuncture Programme, College of Traditional Acupuncture, U.K., 1994.

David Frierman, University of California at Berkeley, 1966; Certificate of Completion, San Francisco College of Acupuncture, 1989.

Edythe Vickers, ND, National College of Naturopathic Medicine, 1987.

Guangying Zhou, Master of Medicine, Chengdu University of TCM, Chengdu, China, 2002.

HELFGOTT RESEARCH INSTITUTE

Mikel Aickin, PhD, University of Washington, 1976.

Carlo Calabrese, MPH, University of Washington, 1992; ND, National College of Naturopathic Medicine, 1983.

Cheryl Ritenbaugh, MPH, University of Michigan, 1979; PhD, University of California, 1974.

Heather Zwickey, Assistant Professor; PhD, University of Colorado Health Sciences Center, 1998.

LIBRARY

Friedhelm Kirchfeld, Instructor; MLS, Graduate School of Librarianship, University of Denver, 1975.

Richard J. Severson, Instructor; PhD, University of Iowa, 1990; MA, Library Sciences, University of Iowa, 1992.

