



# NCNM

National College of Naturopathic Medicine



2002-2003 Catalog

*Other sources of information available to prospective students about NCNM include the College's Viewbook, the Student for a Day Program, campus visits, and the institution's website at [www.ncnm.edu](http://www.ncnm.edu). For further information regarding NCNM programs, please contact:*

*NCNM Office of Admissions  
049 SW Porter Street  
Portland, OR 97201  
503.499.4343, ext.1660  
[admissions@ncnm.edu](mailto:admissions@ncnm.edu)*

### **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.

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, 1500 Valley River Drive, Suite 100, Eugene, Oregon 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 protocol 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 the National College of Naturopathic Medicine and current or prospective students. Copies of the Catalog are available at no cost through the Office of Admissions or viewable and downloadable (PDF format) from the Internet at [www.ncnm.edu](http://www.ncnm.edu).

### **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  
<http://www.osac.state.or.us/oda/>

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

NASC Commission on Colleges  
8060 165th Avenue NE, Suite 100  
Redmond, WA 98052  
425.558.4224  
<http://www.nwccu.org>

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

CNME  
P. O. Box 114236  
Eugene, OR 97440-3628  
541.484.6028  
<http://www.cnme.org/>

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

ACAOM  
Maryland Trade Center 3  
7501 Greenbelt Center Drive, Suite 820  
Greenbelt, MD 20770  
301.313.0855  
<http://www.acaom.org/>

# NCNM

National College of  
Naturopathic Medicine

2002 – 2003 College Catalog



# Academic Calendar 2002/2003

July 2002						
S	M	T	W	T	F	S
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Clinic Holiday I	7/1 - 6/2002
July Fourth Holiday	07/04/2002
Summer Term Begins	07/08/2002
Labor Day Holiday	09/02/2002
Summer Term Ends	09/07/2002
Clinic Holiday II	9/9 - 14/2002
ND 1 Orientation	9/4 - 6/2002
MSOM Orientation	9/13/2002
Fall Term Begins	09/16/2002
Last Day to Add or Change Sections	09/27/2002
Last Day to Pay Tuition and Fees	09/27/2002
Late Payment Fee Assessed	09/28/2002
Last Day to Drop Classes	10/11/2002
Thanksgiving Break, No Classes	11/25 - 30/2002
Thanksgiving, No Classes or Clinic	11/28 - 29/2002
Clinic Holiday III	11/28 - 30/2002
Study Week	12/2 - 12/6/2002
Finals Week	12/9 - 12/13/2002
Fall Term Ends	12/14/2002
Winter Break, No Classes	12/16/2002 - 1/4/2003
Winter Holiday, No Classes or Clinic	12/24 - 25/2002
Clinic Holiday IV	12/16 - 21/2002
Clinic Holiday V	12/23 - 28/2002
Clinic Holiday VI	12/30/2002 - 1/4/2003
Winter Term Begins	01/06/2003
Martin Luther King Day, Campus Closed	01/20/2003
Last Day to Add or Change Sections	01/17/2003
Last Day to Pay Tuition and Fees	01/17/2003
Late Payment Fee Assessed	01/20/2003
Last Day to Drop Classes	01/31/2003
Study Week	3/18 - 21/2003
Finals Week	3/24 - 28/2003
Winter Term Ends	03/29/2003
Spring Break	3/31 - 4/5/2003
Clinic Holiday VII	3/31 - 4/5/2003
Spring Term Begins	04/07/2003
Last Day to Add or Change Sections	04/18/2003
Last Day to Pay Tuition and Fees	04/18/2003
Late Payment Fee Assessed	04/21/2003
Last Day to Drop Classes	05/02/2003
Memorial Day, Campus Closed	05/26/2003
Study Week	6/17 - 20/2003
Finals Week	6/23 - 27/2003
Spring Term Ends	06/28/2003
Graduation	TBA

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## Letter from the President



Dear Prospective and Current Members of the NCNM Community:

The last three decades have witnessed a dramatic increase in interest in natural medicine throughout the United States and worldwide. People are looking for healthcare providers who are not only able to help them recover from illness, but who can also provide them with the information and skills they need to prevent illness. There is a great need for practitioners of the healing arts who are trained to provide the best in natural health care in a way that gives attention and respect to each individual. The healing of our planet begins with healing for each human being.

**The Mission of the National College of Naturopathic Medicine is to establish and maintain the global standards of excellence for graduate education and research in the natural health sciences.**

NCNM is committed to providing this training in its degree programs in naturopathic medicine and classical Chinese medicine. At the heart of each program is a faculty with many years of experience. The curricula include the latest advances in science and medicine while remaining true to the philosophical foundations and spirit of each profession. To support the growth in knowledge related to natural medicine, the College is involved in clinical research, both on its own and partnering with other colleges and research institutions.

If you are interested in pursuing a career of service in naturopathic and/or classical Chinese medicine, I invite you to join the NCNM community. Our admissions staff will be happy to answer your questions and assist in any way they can. I look forward to welcoming you as a student at the College and as a future colleague.

GSS Khalsa, ND  
President (Interim)

**Welcome**

**Welcome**

**Welcome**





## Welcome to NCNM and the Pacific Northwest

Your connection to natural health care since 1956

You've been searching for a school that understands your desire to practice gentle, effective, and preventative medicine in a way that respects the whole person—body, mind, and spirit. You've found it at NCNM! Since 1956, NCNM has preserved and taught natural, time-honored ways of healing, and conducted research to extend our knowledge and understanding of how these methods work.

NCNM offers two graduate professional degrees in accredited and recognized programs that prepare you for licensed practice in many states and provinces:

- Doctor of Naturopathic Medicine, a four-year program of clinical sciences and holistic methods of healing and disease prevention, instilled with the ancient principle of the healing power of nature.
- Master of Science in Oriental Medicine, a four-year program that delves deeply into thousands of years of classical Chinese methods of diagnostics and healing, using herbs, acupuncture, bodywork and therapeutic exercise.

Located in the beautiful Pacific Northwest city of Portland, Oregon, NCNM provides and fosters a challenging, eclectic, and rigorous academic experience. You will be immersed in new ways of thinking about not only medicine and health care, but human beings and the world. You will be on the forefront of natural medicine, both eastern and western, and of integrated medical education, research, and patient care. We don't teach just medicine; we teach a philosophy of living that leads to radiant health, and we show you how to convey this wonderful gift to your patients.

The environment of support at NCNM fosters profound academic and philosophical awakening. Outstanding faculty welcome discussion and investigation during traditional lecture and case-based discussion courses. Since the majority of our faculty members are also private practitioners, our instructors bring personal insight into patient care and medical practice to the classes they teach and the clinic settings they supervise.

With the support of a faculty dedicated to teaching and peers striving for excellence, students develop the patient skills, professional judgment, and technical strength that will make them leaders in supporting the wellness of their patients, their communities, and our future.

### NCNM's Portland Campus and Clinic Facilities

Portland, Oregon is the original home of NCNM facilities and is one of the nation's most livable and beautiful cities. The NCNM campus offers a view of two mountains on a clear day, Mt. Hood and Mt. St. Helens, in addition to the Portland skyline. The campus is just a few blocks south of the city of Portland and a short walk to the amenities of Oregon Health Sciences University and Portland State University.

A wide variety of housing options are available within the NCNM neighborhood or throughout the Portland and Vancouver area. A light rail and bus system links the community to the campus and most surrounding areas.

### Recreation, Culture and Employment

Oregon's rugged natural beauty makes it one of the most popular tourism destinations in the nation. A sixty to ninety minute drive from the campus offers year-round skiing on Mt. Hood, hiking in Mt. St. Helens, the Columbia River Gorge Scenic area, the Oregon coast and the Willamette Valley wine country.

Downtown Portland is the home of Portland Art Museum, Portland Symphony and a staggering array of annual events for every taste. A variety of music genres are featured nightly throughout the community. Coffee shops and bistros abound and offer places for students to meet and study.

Shopping in Portland includes an eclectic mix of shopping areas, boutiques and the alternative offerings of the Hawthorne District. Powell's Books is a favorite for students seeking new and used books.

Portland has been successful in recent years by attracting many large employers to the area. High tech remains a mainstay for the economy. Review the local job market by viewing *The Oregonian* or *Willamette Week* websites, below. Other websites of interest are included below.

*The Oregonian* {<http://www.oregonian.com/>}

*Willamette Week* {<http://www.willametteweek.com/>}

Travel Oregon {<http://www.traveloregon.com/>}

Portland Oregon Visitors Association {<http://www.pova.com/>}

Multnomah County Library {<http://www.multcolib.org/>}

and more at...{<http://www.portland.citysearch.com/>}

# 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 that license NDs at this writing 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 custom.

Efforts to enact licensing laws are underway in several states. The best sources of current information about the legal status of naturopathic medicine in a particular area are the American Association of Naturopathic Physicians, state or provincial naturopathic associations, or individual naturopathic physicians 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 NCNM 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. In the last year of the MSOM program, an acupuncture and Oriental herbs review class is given, designed to highlight the essential features of Chinese medicine in preparation for these exams.

The following jurisdictions use NCCAOM exams as a part of their licensure protocol: Alaska, Arizona, Arkansas, Colorado, Connecticut, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Maine, Maryland, Massachusetts, Minnesota, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, New York, North Carolina, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, and Wisconsin. The MSOM program is also specifically approved by the California Acupuncture Board. We recommend that you contact the licensing body in the state in which you wish to practice for additional information.

### AANP

American Association of  
Naturopathic Physicians  
8201 Greensboro Drive  
Suite 300  
McLean, VA 22102  
703.548.9004  
www.naturopathic.org

### NCCAOM

National Certification  
Commission for  
Acupuncture and  
Oriental Medicine  
11 Canal Center Plaza  
Suite 300  
Alexandria, VA 22314  
703.548.9004  
www.nccaom.org

## Research

We are at the dawn of a new era, as research into naturopathic modalities and practice is occurring not only at NCNM but in mainstream universities and allopathic medical schools nationwide. At NCNM we strongly believe that natural medicine research is vitally important, because research will be used not only to validate existing methods, but research will also establish new treatments.

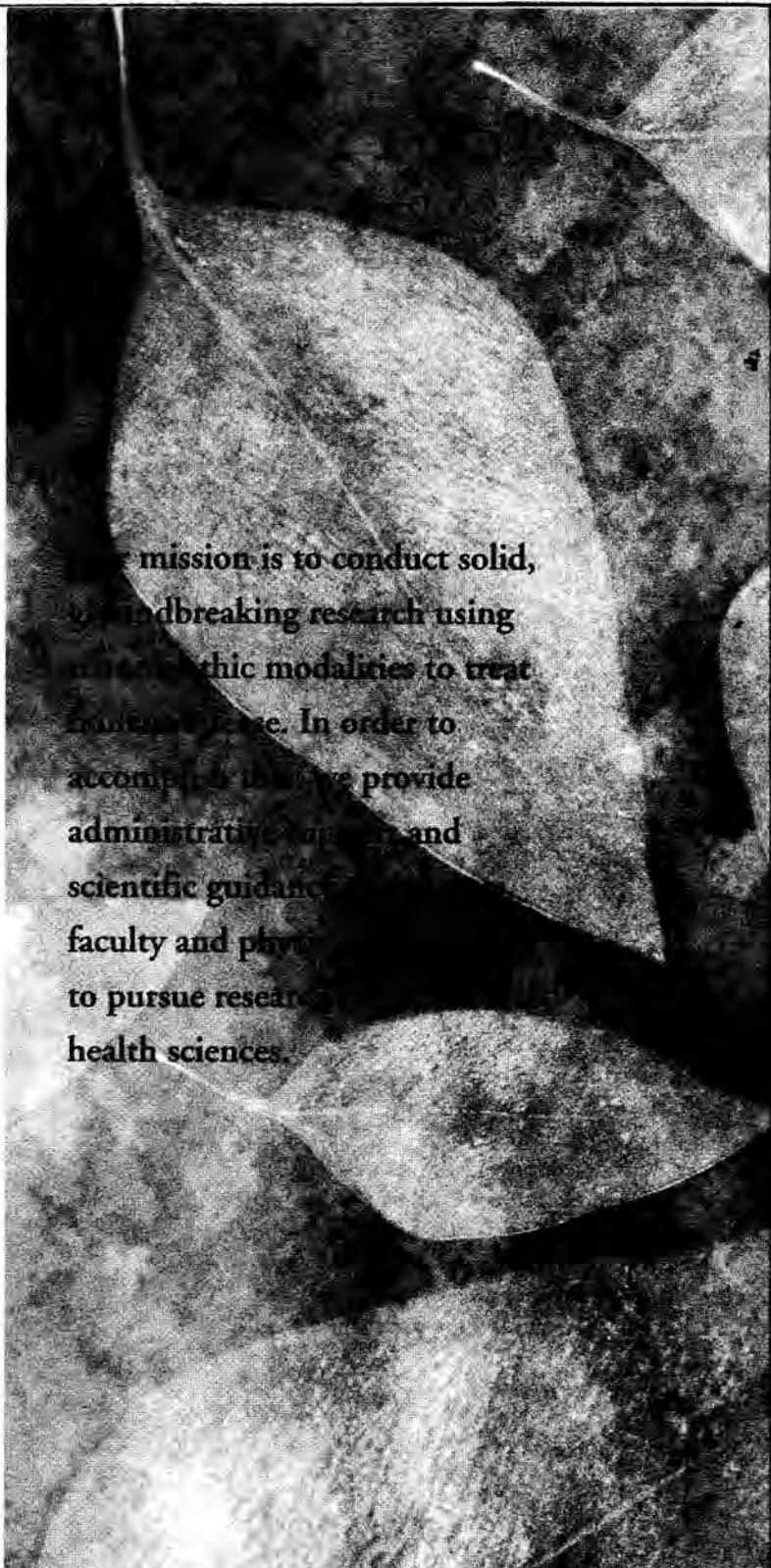
Understanding the mechanisms by which a treatment mediates its effects is important on a variety of levels. As the mechanisms by which a remedy mediates its effects are elucidated, herbs, homeopathic remedies, botanicals, and other treatments which have similar overlapping effects can be used more specifically and more effectively.

Currently the NCNM Research Department is actively conducting and developing research into the following disorders: Multiple Sclerosis, temporomandibular disorders, cancer, attention deficit/hyperactivity disorder, chronic fatigue syndrome and inflammatory bowel disease. To address these diseases we are using the following treatment modalities: reiki, homeopathy, botanicals, probiotics and other nutritional supplements.

The NCNM Research Department is growing exponentially. Given the diversity of the therapies being used, there is huge potential to expand further. Our objective is to foster clinical research focused on complementary and alternative therapies. NCNM is well positioned to address many of the questions that arise surrounding naturopathic therapies as our faculty specialize in these modalities.

NCNM faculty and students are strongly encouraged to participate in research. Currently students may choose to pursue their ND degree with Honors in Research by completing a pre-approved research project (either clinical or literature research) under the guidance of a faculty advisor. Participation in naturopathic research will result in developing skills that serve both the researcher and the community as well as benefiting the world as a whole.

The classical orientation of the Master of Science in Oriental Medicine (MSOM) program has led the Classical Chinese Medicine Department to conduct scholarly research in the original texts of Chinese medical classics. In the 1999-2000 academic year, the CCM program initiated the first in a series of scholarly research activities involving both faculty and students to enhance the classical flavor of instruction at NCNM as well as facilitate scholarly research by members of NCNM's community.



Our mission is to conduct solid, groundbreaking research using naturopathic modalities to treat chronic disease. In order to accomplish this we provide administrative support and scientific guidance to our faculty and physicians to pursue research in the health sciences.

## ND Residency Program

As part of the process of assisting in the transition from student to practicing physician, the Associate Dean of Clinical and Graduate Medical Education oversees the Residency applications and Clinical/Medical facility site applications. This office also assists students, alumni and other physicians and institutions in creating new and ongoing resident training sites.

NCNM has assumed a leadership role as the first naturopathic institution to develop a residency program certified by the Council on Naturopathic Medical Education (CNME). Currently, residency placement is a competitive process. In addition to completion of the 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.

Today, the program has distant site residencies in six states and twenty-four residents for the 2002-2003 academic year. These numbers are projected to grow steadily each year. Since NCNM is committed to the importance of a year of post doctoral clinical training, our goal is to assist the profession as it prepares to meet the ever-increasing demand for naturopathic residencies. In cooperation with the American Association of Naturopathic Medical Colleges (AANMC), NCNM is committed to develop an adequate number of resident opportunities to allow the graduates of all accredited naturopathic degree programs to participate in a residency.



The calendar for accepting residents for the 2002-2003 academic year is as follows:

- November 15  
Residency application available from the office of the Associate Dean of Clinical and Graduate Medical Education and on the Internet at <http://www.ncnm.edu/Rpintro2.htm>.
- January 13  
Deadline for submitting completed applications.
- February 3  
Interview sign-up begins.
- February 17  
Interviews of qualified candidates begin.
- March 7  
Interviews end; selection process begins.
- April 11  
Decision letters mailed.
- April 30  
Deadline for returning signed statement of intent.

# Admissions

## Admission Requirements

Admission to both the Doctorate of Naturopathic Medicine program and the Master of Science in Oriental Medicine is competitive. It is NCNM's goal to admit only the best-qualified applicants. Because of the limited number of seats, the College recognizes that it will be unable to offer admission to everyone who meets or exceeds prerequisites. The Office of Admissions utilizes a holistic evaluation process to assess each candidate. Candidates must demonstrate to NCNM that they possess outstanding moral character, maturity, academic aptitude, and commitment to naturopathic or Chinese medicine. When selecting an undergraduate program to meet science prerequisites, students are advised to choose only those courses stipulated as premedical courses or courses for science majors.

As a minimum, applicants must have a 3.00 cumulative GPA and a 2.75 GPA in science prerequisites as calculated by the Office of Admissions. Only courses with grades of "C" or better, or the equivalent as determined by NCNM, will satisfy prerequisites, and any candidate admitted conditionally must complete all stipulated requirements at a "B" average level or better. On average, admitted candidates have met or exceeded these requirements. Applicants below these minimums may be admitted under special consideration.

Any Advanced Placement (AP), International Baccalaureate (IB), or College Level Examination Program (CLEP) credits will be considered for credit only if documented as advanced or transfer credit on an official transcript from an accredited post-secondary institution. Official scores may be required.



## Criminal Disclosure

NCNM requires completion of the Criminal Disclosure and Information Consent form, available from the Office of Admissions, regarding information on any criminal convictions other than a traffic violation.

NCNM has this requirement for several reasons. First, NCNM has a responsibility to ensure a safe environment for all members of our community and their property. Second, NCNM has an interest in evaluating the character, maturity, and responsibility of its applicants. Third, NCNM may academically advise students of difficulties that may arise in the course of the student's efforts to obtain financial aid, clinical rotations, professional licensure, or other job placement. This is because financial aid, certain clinical rotations, and professional licensing boards are required by law and/or policy to exclude people who have certain convictions.

The existence of a conviction does not necessarily mean that a student will be denied admission to NCNM. Each case will be evaluated on its facts. Generally speaking, the rational relationship of the nature, severity, and recency of the crime to the interests and needs of NCNM will be assessed, and the responsibility and repentance of the person convicted will be carefully considered and weighed.

## Prerequisites

All candidates must possess a bachelor's degree or higher from a regionally accredited college or university. Candidates must also show a demonstrated history of, interest in, and affinity for the general concepts of the program for which an application has been submitted. Current and previous ND students, at the National College of Naturopathic Medicine, applying to the MSOM program must be in good academic standing and be making satisfactory academic progress toward the ND degree. No student who is on Academic Probation II will be considered for admission into the MSOM program.

### Premedical Sciences

30 quarter credits (20 semester credits) of a combination of premedical biology and chemistry, including at least two quarters or one semester of premedical organic chemistry are required. All biology and chemistry coursework counted toward fulfillment of this prerequisite should include a documented lab. As a minimum, most students will have completed one year of general premedical biology, one year of general premedical chemistry, and one year of premedical organic chemistry. Coursework must have been completed in the past seven years.

### Physics

One college-level course in physics is required. A course description must be submitted. This course must be an algebra- or calculus-based course unless the student has completed an adequate statistics course (see Preferred Additional Courses). A laboratory is encouraged but not required.

### Social Sciences

9 quarter credits (6 semester credits) of social science are required. At least one course must be in human psychology. Additional courses in psychology/counseling/psychobiology are highly encouraged.

### Humanities

9 quarter credits (6 semester credits) of humanities are required. At least one course should be an intensive academic writing course such as English Composition.

### Preferred Additional Courses

A college math-based course in computational statistics will be considered acceptable in conjunction with a physics course in cases where the completed course is considered conceptual in content. Courses in financial statistics will not count toward this requirement. This course must be a college algebra- or calculus-based course.

Applicants who have successfully completed additional nonrequired premedical coursework in human anatomy and physiology, cell biology, biochemistry and human psychology may receive additional evaluation points for academic preparedness.

The prerequisites listed in the preceding sections are NCNM's minimum academic requirements, and applicants are encouraged to pursue additional studies in human anatomy and physiology, cell biology, biochemistry, statistics and research, and psychology. Other coursework that may help prepare for studies at National College of Naturopathic Medicine includes microbiology, botany, pathology, immunology, genetics, virology, and medical terminology.

Coursework completed more than seven years before admission will not satisfy science prerequisite requirements, nor will courses in oceanography or ecology. Questions regarding prerequisite courses should be directed to the Office of Admissions. Interpretation of requirements is at the discretion of the Office of Admissions.

Requirements for completion of the NCNM programs mandate that all incoming students be able to consistently and successfully meet minimal technical standards as outlined on the Admissions application. As all coursework is taught primarily in English, any applicant or current student may be required to prove English proficiency at any time by successfully completing the Test of English as a Foreign Language (TOEFL).

## Applying

New applications are distributed annually. Old applications submitted for consideration will be returned. For the ND program, the National College of Naturopathic Medicine begins accepting applications September 1 for admission the following Fall. The ND deadlines for Fall 2003 are October 11, 2002 for Early Decision candidates and February 3, 2003 for regular admission candidates. For the MSOM program, the Office of Admissions will begin accepting applications March 14, 2003 for the upcoming Fall. The MSOM application deadline for Fall 2003 is April 11, 2003. Completed applications and all supporting documentation must be submitted by the appropriate deadline to receive full consideration. Incomplete application files will not be reviewed; late applications will be considered only if space is available. First-year students are admitted only in the fall of each year. Although NCNM admits on a rolling basis, the majority of offers will be made at the conclusion of the Fall admission cycle for the respective programs. Prospective students are encouraged to apply early.

The Office of Admissions and National College of Naturopathic Medicine assume no responsibility for applications that are not considered because they are incomplete. Completed application files will be evaluated and those individuals who competitively meet requirements may be invited to interview. The on-campus interview is required for acceptance. Telephone interviews are normally not granted, but can be considered under documented, extenuating circumstances.

## The Application Process Requires:

- A completed application form.
- A \$60 nonrefundable application processing fee. (An additional \$50 nonrefundable transcript evaluation fee is required for students seeking advanced standing credit.)
- Official college transcripts for all college and university coursework, sent directly to the NCNM Office of Admissions from that institution.

Note: All transcripts from foreign institutions must be evaluated by an approved credential evaluation service. See the International Applicants section for more information.

- Official course descriptions for all science prerequisites taken. It is the sole responsibility of the applicant to ensure that the Office of Admissions has all supporting documents to evaluate coursework. Official catalogs and/or syllabi may be required.
- Two Reference Forms with Letters of Evaluation, returned directly to the Office of Admissions in their original sealed envelopes. Evaluators must sign their names across the seal of the envelope. Applicants are encouraged to seek references from a health care professional who can speak to the applicant's skills and aptitude as a future practitioner, and a college faculty member who can speak to the pertinent issues raised on the form.

Please note: References should be written by individuals who have known the student for at least one year. All Letters of Evaluation must have been composed in the current year. References from close friends or relatives will not be accepted. All references are kept confidential and will be destroyed at the discretion of the Office of Admissions or at the conclusion of the admission cycle. It is the sole responsibility of the applicant during all phases of the admission process to ensure that materials are received by National College of Naturopathic Medicine on time. All application materials submitted become the property of NCNM and cannot be returned.

- A one-page chronological resume of work and volunteer experience.
- A Collegiate Record Release Form mailed directly to the NCNM Office of Admissions from every college and university attended.
- A signed Technical Standards statement. All applicants must sign a Technical Standards statement to ensure that prospective students have the physical and mental capacities to perform the required duties of the program being applied to.

NCNM will offer reasonable accommodation to an otherwise qualified applicant with a documented disability unless such accommodation would fundamentally alter the nature of NCNM's mission.

All application materials should be directed to the Office of Admissions, 049 SW Porter, Portland, OR 97201. Application materials become the property of NCNM and will not be returned or forwarded to other institutions. Portions of the admission file will be forwarded to the Registrar's Office for accepted candidates who matriculate into NCNM. Other candidate files are stored for one year, and any individual interested in reapplying will be required to resubmit current materials.



### International Applicants

International applicants must meet the requirements outlined in the Admissions Requirements section as well as the following:

- Satisfy visa application requirements by showing adequate resources to cover the anticipated period of study and complete an international student financial statement, available upon request from the Office of Admissions.
- 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 for evaluation transcripts that are from an institution other than an accredited U.S. college or NCNM as specified below. Transcripts must be translated and evaluated by an approved agency; see below for further information. Transcripts from the following colleges are exempt from this requirement: Simon Fraser University, University of British Columbia, University of Guelph, University of Victoria, and the University of Alberta.

Only the following approved evaluation services may be used for conducting course-by-course evaluations required for international transcripts: (Costs of any required external evaluations are the responsibility of the applicant.)

- International Education Research Foundation, Inc.  
310.390.6276  
<http://www.ierf.org>
- Office of International Education Services  
202.296.3359  
<http://www.aacrao.org>
- World Education Services, Inc.  
212. 966.6311  
<http://www.wes.org>

### Transfer Applicants

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. For Fall 2003, applicants must complete the application process by July 18, 2003. The completion deadline for Winter 2003 is November 7, 2002. In order to meet these deadlines, candidate files must be complete at least three weeks prior to the appropriate deadline. Interviews are by invitation only and will be scheduled two weeks or more after the application file has been completed. Applications will not be transferred between quarters, and should a candidate decline an offer of admission, the candidate must completely reapply, including resubmission of the application fee. All transfer and second professional degree applicants must meet regular prerequisite requirements, including the minimum of 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 or board examinations. Determination of credit transferability will be made by the Academic Office in conformity with the requirements of the Oregon Office of Degree Authorization.



The following are the requirements for transfer credit:

- 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.
- 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 for transferring into either program.
- 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 will officially verify in writing that a "Pass" denotes that students completed the course with a grade of "C" or better.
- The course requires an equivalent number of classroom hours to the course for which it is being substituted.
- The course has an equivalent prerequisite to the course for which it is being substituted.
- The requirements for passing the course are equivalent to the course for which it is being substituted.

MSOM transfer applicants please note: because of the classical orientation of the program, it is our experience that normally only a limited number of credits from programs with a traditional orientation are transferable. Generally, transfer credit is not given for courses within the Theory series.

NCNM may award a limited amount of transfer credit for work done in other doctoral-level programs. All requests for transfer credit are considered on a course-by-course basis. In order to make an accurate evaluation, the Academic Office may request a catalog or course description for courses to be transferred.

The student may be required to take a challenge examination in an effort to ensure that previous coursework meets NCNM standards. Credit will not be transferred for work at less than a master's level. Undergraduate coursework is applicable only to meet prerequisite requirements for admission to NCNM; it cannot be accepted for transfer credit. Transfer credit will be accepted only from institutions that are regionally accredited, are accredited or have candidacy status with the Council on Naturopathic Medical Education for ND coursework or with the Accreditation Commission for Acupuncture and Oriental Medicine for MSOM coursework, or are specifically or categorically approved by the Oregon Office of Degree Authorization. All coursework must be documented by official transcript.

In general, it will take transfer students a minimum of two years of attendance at 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.

As of Fall 2003, applicants attending the Canadian College of Naturopathic Medicine will be eligible to transfer, into the ND program, under a new Transfer articulation agreement between NCNM and the Canadian College. Applicants will be required to complete the following application procedure:

- Submit a completed admissions application.
- Provide an official CCNM transcript demonstrating completion of the first two years of the ND program.
- Two letters of recommendation; one must be from the CCNM Dean of Students.
- On-campus interview.

Eligible applicants under the articulation agreement must have completed at least the first two years at CCNM and submit an official transcript demonstrating the completion. Only a CCNM transcript will be required for submission, and all pre-requisite 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.

NCNM has no provision for awarding transfer credit for "life experience."

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 should be made of the receiving institution to determine the transferability of credits from NCNM.

### **The Interview**

Applicants who have provided complete information and have competitively met the initial admission criteria may be invited to interview on campus. On-campus interviews are required and give both NCNM and the applicant the opportunity to learn more about each other in order to make a well-informed decision. Any individual who is unable to interview prior to the close of the interview cycle will necessarily be denied admission. Telephone interviews are normally not granted, but can be considered under documented, extenuating circumstances.

### **The Decision**

Although some decisions are made on a rolling basis, the majority of applicants will be notified of the decision made on their application at the close of the selection cycle. The applicant is given written notification of whether the application has been accepted, rejected, or placed on a waiting list. Applicants who are accepted and wish to reserve a seat in the entering class must send a \$400 deposit within the time specified in the admission offer. This deposit will be credited toward the applicant's tuition. Notwithstanding transfer credit evaluation fees, a total of \$200 of the tuition deposit is nonrefundable. If the deposit is not received within the specified time, the seat may automatically be considered forfeited and reassigned to another applicant without notification.

NCNM reserves the right to admit or reject applicants at its sole discretion at any point in the admissions process. All accepted candidates must be able to provide acceptable, official proof of completion of any outstanding requirements before matriculation. Candidates unable to meet this obligation will not be allowed to matriculate.

### **Conditional Acceptance**

Applicants who have not completed all requirements for admission at the time of application may be granted provisional acceptance on the condition that outstanding requirements will be fulfilled before matriculation or by the specified time as indicated in the acceptance letter. Any candidate offered conditional acceptance must provide appropriate official documentation of completion of outstanding requirements prior to matriculation. Individuals who are unable to meet these obligations will not be permitted to register for courses.

Individuals who apply without meeting all prerequisites should be advised that outstanding requirements may delay an admission decision until evaluation of additional coursework is available. Applicants who cannot realistically complete requirements between the time of application and matriculation will not be considered. Any applicant who has not completed all prerequisites at the time of application must provide a feasible plan of completion as part of the application.

### **Reapplication**

Application materials are kept on file for one year. If an applicant wishes to reapply within this one-year period, she/he may do so by resubmitting an application fee (\$60) and updated application materials as directed by the Office of Admissions. Characteristically, all application materials must be resubmitted except for academic transcripts. Any supplementary transcripts for coursework taken since the previous application was made must be submitted. All essays and Letters of Evaluation must be resubmitted. The prerequisites in effect at the time of the new application must be satisfied. A candidate may not reapply after being denied for the third time.



# Academic Policies

## Academic Advising

The academic program is administered under the Chief Academic Officer (CAO), and provided by the CAO, Deans and faculty advisors. Each incoming student is assigned a faculty advisor/mentor. Guidance is available to assist in creating a personal timetable for students on an extended program and in transferring of credit, as well as for academic and professional progress. Students pursuing the standard four-year ND or four-year MSOM are not required to consult with their advisor but may choose to do so. However, students who are not making satisfactory academic progress must consult with the Dean of the appropriate program. Commencing with entrance into the clinic program, students are also assigned a clinical mentor who is a member of the clinical faculty. This mentor is provided during the clinical portion of the curriculum to ensure maximum learning and guidance in completing clinical requirements. Students who are pursuing any program other than the standard four-year ND or four-year MSOM must confer with the program Dean or CAO to ensure all requirements are met.

## Registration

New students register for the Fall quarter during Fall orientation. The Registrar's Office will notify students of details regarding this procedure for the following quarters. All returning students register for Fall classes for the upcoming academic year by the end of summer quarter; however, the Registrar may announce an earlier registration time.

Students who wish to register for less than the full-time curriculum must receive written approval from the Dean of their program or the CAO. Students who have not been admitted to an NCNM program will not be allowed to register for or attend classes. No new student may register for or begin classes after the end of the second week of any term.

## Who May Register for a Class

Each person who registers for a class at National College of Naturopathic Medicine must be admitted into NCNM as a student in an approved program. The student may take only those courses in the program to which the student is admitted.

Licensed physicians or other health care practitioners who have completed prerequisite coursework may, with the permission of the Department of Continuing Education (Office of Academic Affairs) and the instructor, attend those National College of Naturopathic Medicine classes approved for continuing education credit. No college credit is granted for classes attended through the continuing education program.

## Challenge Examinations

NCNM policy makes it possible for an individual to challenge by examination the content of a required course. This option is available to students who have had appropriate prior coursework as outlined in the Transfer Credit Policy section, and it is intended to ensure that this coursework is equivalent to that offered at NCNM. Such determination shall be based on course content, length of the course or whether an extended period of time has passed since the course was taken. To be considered for a challenge exam, the student must:

1. Register for the course.
2. Provide the Academic Office with documentation of a similar course and any relevant experience.
3. Complete a challenge exam form, which may be obtained from the Registrar.
4. Have the application for a challenge exam approved by the Dean of the program in which the course is offered or by the Chief Academic Officer.
5. Take and pass the exam developed by the instructor and administered by the Academic Office.

There is a \$50 fee for each challenge exam. For full-time students who successfully challenge a course, there is no tuition reimbursement. For part-time students only, 50% of the tuition of the course successfully challenged is retained by NCNM to cover the staff expenses of the procedure. See the Financial Policies section for information on fees.

### **Auditing**

Students may audit a course if they have met the prerequisites, have obtained the instructor's consent, and have registered for the course, and if a space is available. Even though auditing means that a student will not be evaluated or receive credit, the course will appear on the student's official transcript as an audit. Classes taken as Audit must be declared by the end of week two of each term. See the Financial Policies section for information on fees.

### **Attendance**

NCNM expects prompt and regular attendance at classes. Any faculty member may require students to attend up to 90% of scheduled classes as a condition of passing a course. In addition to possible academic consequences, habitual tardiness may be reported to the Student Affairs Office for disciplinary 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
- F (FAILURE) unsatisfactory performance
- I (INCOMPLETE) course requirements not yet completed because of illness, bereavement, family emergency, or other significant events outside the student's control
- W (WITHDRAWAL) student withdrew from course
- AU (AUDIT)

It is the responsibility of the student receiving an Incomplete 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 will automatically become a grade of Failure. Grades of Incomplete must be made up within four weeks after they are posted. At the discretion of the instructor or Dean of the program, the grade of Incomplete may be extended past the four-week limit in the event of ongoing illness, emergency, or other extenuating circumstance. Please refer to the Student Handbook for the details of this process.

Promotion to each successive phase of the program is based on continued satisfactory academic performance and normal progress toward the degree. This is defined by a student's completion of all courses as laid out on the designated track (i.e., four-year, five-year) with a grade of Honors or Pass. Any student who is not making normal progress toward the degree will be referred to the Academic Appeals Committee, which is composed of faculty members and convened

by the Dean of the program. (Please see the section on Satisfactory Academic Progress and the Student Handbook for more details.)

When a student receives a failing grade in a required course, she/he subsequently must remediate by make-up exam, by another re-evaluation tool, or by retaking the class the next time it is offered. Terms of remediation are at the discretion of the course instructor, and students must meet all designated completion deadlines.

### **Satisfactory Academic Progress**

NCNM policies require that each student maintain satisfactory academic progress toward her/his 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. NCNM's academic standards for continued enrollment meet or exceed the federal standards for financial aid recipients. Satisfactory academic progress is defined in the following ways:

1. The student must achieve a grade of Pass or Honors in all required courses;
2. The student must pass a minimum of 33 credits in an academic year, including all required courses, for full-time ND, MSOM, or dual degree ND/MSOM students.
3. The student must complete all coursework and meet graduation requirements within seven years of matriculation into the ND program. The maximum length of study is six calendar years for the student pursuing the MSOM degree only, and seven calendar years for the concurrent completion of both the MSOM and ND degrees.

## Academic Probation

### Probation I

A student will be placed on Academic Probation I for failing any required course during an academic term. The coursework must be satisfactorily completed as outlined in the section above on Grading. The student is removed from Academic Probation I when all outstanding grades of Failure in required courses have been changed to passing grades.

### Probation II

If the student receives another grade of Failure in a required course in a subsequent term, before all prior Failures are changed to a passing grade, she/he is placed on Academic Probation II, and must sign an agreement with the Dean of their program or the Chief Academic Officer. This agreement will delineate a timetable for changing failing grades to passing grades and will indicate that the student will not fail any other required courses during this defined time. If the terms of the agreement are met, the student will be removed from Academic Probation II. This agreement will allow the student to maintain eligibility for financial aid. Any student on Probation II will not be allowed to register in any subsequent term for clinic teaching shifts until removed from Probation II.

In the event that the student does not meet the terms of the agreement, her/his performance will be reviewed by the Academic/Institutional Appeals Committee composed of three faculty members. Please refer to the Student Handbook for the details of this process. The Appeals Committee will recommend a course of action to the Dean of their program. The possible recommendations are:

1. Suspension from NCNM or from a specific program for up to one year; or
2. Termination of education at NCNM or from a specific program; or
3. A revised agreement (contract) outlining a timetable for converting the failing grades to passing grades that may include restrictions on new coursework undertaken by the student until the failing grades are changed.

If recommendation #3 is given and the student does not meet the terms of the revised agreement, termination of education will result unless significant extenuating circumstances can be documented (e.g., severe illness or prolonged family emergencies).

### Appeals Process

Any determination that results in a "suspension" or "termination" of education may be appealed by the student to the Chief Academic Officer of NCNM. This must be done within two weeks of notification of the suspension or termination. The policies and procedures for appealing decisions of the Academic/Institutional Appeals Committee are outlined in the Student Handbook.

Veterans who are on probation for more than one term may be disqualified for benefits by the Veterans Administration.

### Make-up Examinations

Make-up examinations may be offered to any student who has a valid reason for missing an exam (e.g., illness, bereavement, family emergency, unanticipated last minute transportation difficulty) or for remediation of a failing grade. Make-up exams are offered at the discretion of the instructor. Make-up and remediation examinations offered must be completed by the stipulated deadline or will be recorded automatically as a failing mark. No fee will be charged to the student for the makeup exam if the exam is administered for one of the reasons listed above. A fee will be charged if the instructor is willing to give a makeup exam for an unapproved reason or as remediation for a failing grade. See the Financial Policies section for information on fees. Additional information can also be found in the Student Handbook.

### Graduation Requirements

Graduation dates, based upon the student's approved track (i.e. four-year, five-year), are determined by the Chief Academic Officer in consultation with the Registrar. See the Financial Policies section for information on fees.

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 NCNM; and
4. Satisfy all financial obligations to NCNM.

### **Leave of Absence**

A student may apply for a leave of absence of up to one year, which entitles the student to reenter NCNM provided there is space in her/his class during the next calendar year. The student must advise the Registrar of the intention to return to NCNM at least one month before the beginning of the academic term for which she/he plans to register. If the student does not return within one year, she/he will be considered to have 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.

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 to indicate the necessity of granting the leave and, subsequently, the student's fitness for returning to the program.

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. Exit interviews are conducted by the Financial Aid Office.

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.

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.

### **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. This will not occur for students on the standard plans for the degree programs, but may occur for transfer or second professional degree students admitted with advanced standing or for students who have had their normal progress through the program interrupted (e.g., medical leave of absence). Independent studies for required courses are possible only with the approval of the Dean of the program in which the student is enrolled or the Chief Academic Officer. See the section on Financial Policies for fee information. A fee will normally only be charged for an independent study 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 Associa-

tion 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**

It is the policy of NCNM to maintain academic freedom of inquiry, teaching, and research activities in accordance with the standards and principles of healing that are stated within the naturopathic and classical Chinese medicine programs. 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 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.
- NNCM 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 NNCM 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 NNCM 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 NNCM without written consent of the student, except as required by law. Records for students attending NNCM 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 NNCM. 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 NNCM and will not be released or returned except as outlined above.

#### **Attrition**

Records on attrition rates are available from the Registrar and are published in the Student Handbook.

#### **Change of Track**

Any change of track must have the prior approval of the Dean of the program(s) or the Chief Academic Officer. The following offices must sign off on all change of track forms: Academic Office, Dean of the program, Business Office, Financial Aid Office, and Registrar's Office. All change of track requests must be completed by the end of week eight of the term prior to the term in which the change is to take effect. For example, the form must be completed by week eight of fall term for winter term. 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 the student must submit an Add/drop Form to the Registrar. An advisor'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, changed to audit (electives only), or the section changed during the first two weeks of the term. 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.

Add or drop clinic shifts during a 3-5 day period in negotiation week. Specific dates are posted at the top of the clinic schedule each term. After the posted deadline for adding/dropping a clinic shift, a \$50 fee is assessed.

#### **Full-time/Half-time Student Status**

A full-time student is one who is enrolled for at least 11 credits per term. Students on financial aid who reduce their course loads from full-time to part-time status must meet with the Director of Financial Aid. A half-time student is one who is enrolled for more than 5.5 but fewer than 11 credits per term.

#### **Withdrawal From School**

Students may initiate formal withdrawal by meeting with the Dean of their program(s). The student who withdraws at any time during the school year must complete the Status Change Form available from the Registrar's Office. NNCM reserves the right to withhold or terminate the privilege of attending the College when such official action is deemed advisable or necessary in the interest of the student or NNCM or both.



## Financial Aid

NCNM participates in federal financial aid programs, including loans and work-study. Financial Aid is available to students enrolled at least halftime in the ND, MSOM, or a combination of both programs. All students applying for federal financial aid are required to file a Free Application for Federal Student Aid (FAFSA) each year. These forms are available from the Financial Aid Office or over the Internet through a link to [www.fafsa.ed.gov](http://www.fafsa.ed.gov). Additionally, students must have been accepted at NCNM. Eligibility for financial aid is determined by using a federal methodology formula as 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. The financial aid awarding process begins in early spring of each academic year, with a priority packaging date of April 30th 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, the 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 advises students about sources of financial aid and budgeting strategies. This office is also available as a 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 <http://www.ncnm.edu/fa.htm>.

### **NCNM Advantage Program**

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

As an Institutional Lender, NCNM is able to customize their 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 from the current process 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 insure 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. However, under the federal law authorizing the FFELP Program regulations, there are 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. Eighty percent of students attending the College find it necessary to borrow some funding while completing their program. However, the student 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 \$8500 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 just prior to 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 greatly 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 who experience financial hardship resulting from unexpected situations. The maximum amount that can be borrowed is \$500 and an additional \$10 loan processing fee is charged for each loan. These loans are considered a loan of last resort and students must meet with the Director of Financial Aid for application 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. Calculation for students who leave without notifying the institution will be done from 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 apply only 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 helps make ends meet. However, due to the demands of the program, students generally find their schedules limit their work time to 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 Services 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 work at jobs at NCNM to earn money for their education. The College has a variety of jobs available to students: clerical aides, campus guides, library aides, medicinary assistants, community clinic aides, etc.

## **Financial Aid Policy and Drug-Related Convictions**

### **Drug-Related Convictions**

Students are ineligible for Federal Title IV Aid if convicted of an offense involving the possession of illegal drugs 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 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. There are limited scholarship sources at NCNM available to students who are matriculated and in at least the second year of study. These funds are:

### **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 CNERS, 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 diagnosis of HIV, Brant left his successful business and moved from Toronto, Canada, with his life partner to begin his training as a naturopathic physician at NCNM.

### **Helio Scholarship**

Helio Medical Supplies Incorporated will award one \$1,000 scholarship to an NCNM student who is enrolled in the Master of Science in Oriental Medicine Degree Program. The Classical Chinese Medicine Curriculum

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 NCNM students. 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.

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; and
- contribution to further development to the CCM program and community.

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



# Student Affairs

## Student 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. Simultaneously, 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. Some committees, such as Social, Professional Development, Intra-Campus Communications, and Community Outreach, strive to enhance student life. Other committees, like Budget, Fundraising, Elections, and Constitution, are the foundation of student government. Students who serve on the Administrative Liaison Team are assigned to a specific college department. 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. Students are offered the hepatitis B vaccine.



## 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 pub-

lished in the Student Handbook. Current information is always available upon request from the campus Safety Officer.

NCNM has contracted a security service that regularly patrols campus areas, grounds, and parking lots. Security is also available for alarm response and is onsite for special events. Students are advised of campus security procedures and practices and of crime prevention during training, and are encouraged to be responsible for their own security and the safety of others.

The NCNM Safety Officer is available on-call 24 hours a day to assist in the management of urgent or emergency situations, 503.514.5734.

## Counseling Services

Several types of counseling are available to students. For admission candidates and individuals interested in the programs offered by NCNM, Enrollment Service 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 the Academic Office through faculty advisors, and each incoming student is matched with a faculty advisor. Students, faculty, and administration work in conjunction to foster an atmosphere conducive to academic success and personal growth. Additionally, the Student Services Office coordinates personal counseling with licensed professionals.

## Health Care Services

Students may receive health care at NCNM Natural Health Center Clinics at a discounted fee. Every student may also declare one adult "significant other" or spouse to receive this benefit. Children for whom the student is financially responsible also

may be added. NCNM Natural Health Center Clinics must be notified by the student in writing of the person(s) designated to receive this benefit before the first visit. Students are also entitled to a discount on medicinal items and lab work. Full payment for services is required at the time of the visit to receive discounts. NCNM also works with a primary insurance broker who assists students with obtaining low-cost health insurance tailored to each individual.

### **Housing**

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

### **Student Identification Cards**

Students receive photo identification cards at fall registration. This card, among other purposes, allows students to check out books at the NCNM library and three Portland college libraries (Oregon Health Sciences University, Oregon College of Oriental Medicine, and Western States Chiropractic College), with which NCNM has borrowing agreements. The photo ID features a sticker which allows NCNM students to ride Tri-Met busses and trains without charge. Wearing photo IDs is recommended at all college facilities and required at all NCNM clinics.

### **Substance Abuse Policy and Program**

A copy of the Substance Abuse Policy and Program is contained, in its entirety, 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.

Violations of College policies are handled according to the Student Conduct Code as articulated in the Student Handbook.



# Facilities



## Ross Island Campus

The Ross Island Campus of NCNM, which houses most academic and administrative functions, is located one mile south of downtown Portland on the west side of the Willamette River. The river and two snow-capped peaks, Mt. Hood and Mt. St. Helens, fill the views of many windows on the north and east sides of the historic three-story, red-brick building. The 60,000-square-foot main campus houses administrative offices, class and lecture rooms, laboratories, the library, and the bookstore.

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

## Teaching Clinics

The main naturopathic medicine teaching clinic is the NCNM Natural Health Center on First, located at 2220 SW 1st Avenue, within blocks of the Ross Island campus. Housing examination and treatment rooms to serve a wide range of clinical needs, this site includes space for hydrotherapy, physical therapy, colonic irrigation, ultrasound, gynecology, classical Chinese medicine and minor surgery. This site also features a large natural products medicinary, state-licensed laboratory, private offices and conference rooms.

The classical Chinese medicine teaching clinic is the NCNM Natural Health Center on Pettygrove, located at 2232 NW Pettygrove. This clinic is centrally located in a densely populated neighborhood. It houses examination and treatment rooms that allow the Chinese medicine department to offer all required clinical shifts as well as some private shift opportunities. In addition, some naturopathic shifts occur here, just as the First Avenue clinic hosts classical Chinese medicine shifts. The site also includes an extensive Chinese medicinary, private offices, and conference and exercise class spaces.

In addition to the main teaching clinic, NCNM operates a diverse range of community clinic sites throughout the Portland metropolitan area. NCNM also provides medical directorship for the Outside-In clinic for street youth and many community clinics serving targeted populations such as geriatric, various ethnic populations, and drug addicted individuals. In addition to providing natural healthcare to underserved populations, the community clinics provide NCNM students the opportunity to work with a broad range of medical disorders.





### **College Library**

NCNM's library occupies 4,546 square feet on the first floor of the Ross Island Campus and contains an important collection of naturopathic medical material. The library's rare book section includes the collection of Dr. Benedict Lust, 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.

The general collection includes both classic and modern works of natural medicine as well as current books from the conventional medical sciences. The collection of periodicals consists of 140 current subscriptions on naturopathic medicine, nutrition, herbal medicine, homeopathy, Chinese medicine, complimentary therapies, and the conventional medical sciences. The complete serial collection numbers 258 titles. 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 modalities pertaining to Oriental medicine. The library's online catalog is accessible via the Internet.

During the academic year, the library is open Monday through Saturday. Material may be checked out by students, faculty, and staff of NCNM, OHSU, Western States Chiropractic College (WSCC), and Oregon College of Oriental Medicine (OCOM). With a current NCNM identification card, NCNM students, faculty, and staff may check out materials at these other three institutions.



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


The library also maintains computers for student use. These computers are connected to the Internet and provide access to word processing, nutrition, homeopathy, naturopathic, and herbal programs.

### **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 are available by special order. Students should direct all inquiries to the bookstore manager. Bookstore hours are 9:00 AM to 4:00 PM, Monday through Friday.



## Department of Institutional Advancement



The Department of Advancement supports NCNM by promoting an active alumni association, fostering philanthropy and assisting the President in leveraging non-tuition sources of revenue for development purposes. The department is responsible for identification, application and monitoring of grants and for enhancing financial resources through fund raising and planned giving.

Resources raised will be used to facilitate the expansion of accredited programs, enhance the professional development of students, graduates and faculty, endow department chairs, provide scholarships for students, provide research opportunities for both students and faculty, expand support for clinic operations, support capital improvements of campus buildings and grow the endowment for NCNM's future.

The Department of Advancement assists key campus constituents in achieving funding goals through the following: fostering a national and campus-wide philanthropic spirit, identifying prospective donors, supporting cultivation and solicitations, researching potential foundation resources, grant writing and establishing and maintaining relationships with foundations, governments, businesses and community leaders.

### **Alumni Relations**

The National College of Naturopathic Medicine maintains a database of more than 1,200 alumni practicing in the United States, Canada and other countries. Alumni Relations informs graduates of current news and upcoming College events through an alumni newsletter, responds to all alumni inquires and maintains an alumni referral list available to the general public. NCNM encourages its graduates to notify Alumni Relations of any address changes by mail or email at [alumni&friends@ncnm.edu](mailto:alumni&friends@ncnm.edu).

### **Career Placement**

Career Placement is a resource for employment opportunities, practices for sale and office space for sale or rent. These are posted on the NCNM web site, <http://www.ncnm.edu/Jobpro.htm>. This information is also listed in a directory available in Student Services and the Library.



# Financial Policies

## 2002-2003 Tuition and Fees\*

MSOM four-year .....	\$12,040 (for students enrolling starting September 2002)
Dual degree program, CCM portion .....	\$5,159 (for students enrolling starting September 2002; ND portion pro-rated see "Change of Track")
MSOM three-year .....	\$6,882 (for students enrolling starting September 2002)
MSOM 2003 Summer Tuition .....	\$612
MSOM Electives course fee .....	\$204 per credit
MSOM per credit fee .....	\$204 per credit for classes in the CCM Department (for students enrolled prior to September 2002) \$267 per credit for classes in departments other than CCM, when applicable.
Qigong I-IX, lab fee per retreat .....	\$170 per retreat, paid by all students enrolled <i>and not refundable after third week of term.</i>
Four-year track for full-time ND students .....	\$16,386 per year or \$5,462 per term
Five-year track for full-time ND students .....	\$13,360 per year or \$4,453 per term
ND 2003 Summer Tuition .....	\$1,269 (see <i>Summer Term Tuition</i> below)

\* All amounts are in U.S. currency.

\*\* The application fee must be submitted with the initial application for acceptance into NCNM. The College will keep a total of \$200 of the deposit fee from a student who withdraws voluntarily after accepting admission but before attending classes.

Note  
Credit cards are not accepted for tuition or fee payment.

## Other Fees

• Change of track fee .....	\$500 (per subsequent change after one free change)
• Application fee** .....	\$ 60
• Tuition deposit (incoming students) .....	\$400
• Transcript evaluation fee .....	\$ 50 ( <i>for previous medical degree or medical school credits</i> )
• Late payment fee (per term) .....	\$ 50
• Independent study fee .....	<i>Per credit rate, when applicable</i>
• 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
• Returned check fee .....	\$ 20
• Transcript fee .....	\$ 5
• Health and Safety program fee .....	TBD
• Audit fee .....	80% of per-credit rate
• Student activity fee .....	<i>Included in tuition</i>

## ND Per Credit Fee

Students in the ND program may pay by the credit only under specific circumstances in which they are on an approved part-time program.

### **Tuition and Fee Payment Policy**

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. Tuition cost for students attending summer classes in 2003 are \$1,269 and \$612 respectively. The Registrar's Office determines when the summer tuition charge is to be applied to the student's account. 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.

ND transfer students matriculating after the second year and second professional degree ND students will be charged an additional tuition fee above the regular summer program rate. Contact Office of Admissions for current charge.

Due to extenuating circumstances, the Chief Academic Officer occasionally approves a modification to a student's standard curriculum track. If the modification results in a waiver of the requirement to take the summer courses during a summer term, the student is still responsible for the cost of these courses and the summer tuition will be applied to their account. The Registrar's Office will determine when this charge is to be applied to the student's account.

### **Change of Track: Modified Tuition Calculation**

Any change of track must have the prior approval by the Dean 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. Charges and refunds will be based on the fee structure of the new track.

When a student changes track, the Business Office will calculate a new per-term tuition amount. The new tuition rate is based on the total cost of the track to which the student is changing. The total tuition is calculated based on the date of matriculation for the student. From this, the tuition the student has paid is deducted. The remaining tuition is prorated over the number of terms to the student's expected graduation date.

When a student is matriculated into the dual degree (ND/MSOM) program, the Business Office will calculate a new per-term ND tuition rate based on the current academic year's four-year total ND rate. No change of track fee will be assessed for the initial change; however, any subsequent changes will be assessed a change of track fee.

In all cases, the modified per-term rate is subject to annual Board-approved tuition rate increases. Students are obligated to pay this new per-term rate, even if they are enrolled for less than full-time credits.

### Challenge Exams

There is a \$50 fee for each challenge exam. For part-time students paying on a per-credit basis, 50% of the tuition of the course successfully challenged is retained by NCNM to cover the staff expenses of the procedure. All other students paying either a full-time rate or modified full-time rate are ineligible for a tuition reimbursement for any courses successfully challenged.

### 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. The Finance Administrator must approve all exceptions to the Emergency Loan policy.

### 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 2002-2003 academic year are estimated as follows:

<i>Description</i>	<i>ND Amounts</i>	<i>MSOM Amounts</i>
Tuition	\$16,386	\$12,040
Books and supplies	\$ 1,500	\$ 1,500
Medical Diagnostic Equipment	\$ 600	
Living expenses	\$ 9,486	\$ 9,486
Loan fees (if applicable)	\$ 740	\$ 740
Total Estimated Costs	\$28,712	\$23,766

### Tuition and Fee Refund Policies

If a student finds it necessary to withdraw, 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 are based on the date the student begins NCNM's withdrawal process.
- A student who has changed her/his track and is paying a modified tuition rate is still responsible for the modified ND tuition rate, even if the student is enrolled for less than full time credits in any term.
- 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:

<i>Week of Term</i>	<i>Tuition Refund Rate</i>
First week	100% of tuition
Second week	90% of tuition
Third week	80% of tuition
Fourth week	70% of tuition
Fifth week	60% of tuition
Sixth week	50% of tuition
Seventh week	40% of tuition
After end of seventh week	No refund

- 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 is 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 which reduces the institutional charges that are 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.



# Doctor of Naturopathic Medicine

## Naturopathic Philosophy

Naturopathic medicine is a distinctive approach to health and healing that recognizes the integration of the whole person. 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.

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:

### 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, mental-emotional, and spiritual. The physician must evaluate fundamental underlying causes on all levels, directing treatment at root causes as well as seeking relief of symptoms.

### First Do No Harm

*primum no nocere*

The process of healing includes the generation of symptoms, which are, in fact, expressions of the life force attempting to heal itself. Therapeutic actions should be complementary to and synergistic with this healing process. The physician's actions can support or antagonize the actions of *vis medicatrix naturae*; therefore, methods designed to suppress symptoms without removing underlying causes are considered harmful and are avoided or minimized.

### 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.

### 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, NCNM 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 them 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 opened, and NCNM'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 more than 1200 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. NCNM 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.

## **Scope of Practice**

The scope of practice of naturopathic physicians (NDs) varies by jurisdiction. Currently, eleven states, Puerto Rico, and five Canadian provinces license naturopathic physicians. Several of these 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 a system of practice that bases its treatment of all physiological functions and abnormal conditions on natural laws governing the body, utilizes physiological, psychological and mechanical methods, such as air, water, heat, earth, phytotherapy (treatment by use of plants), electrotherapy, physiotherapy, minor surgery, mechanotherapy, naturopathic corrections and manipulation, and all natural methods or modalities, together with natural medicines, natural processed foods, herbs, and natural remedies. Excludes major surgery, therapeutic use of x-ray and radium, and prescribing of drugs, except those assimilable substances containing elements or compounds which are compounds of body tissues and are physiologically compatible to body processes for maintenance of life."

The therapeutic modalities 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 utilized, most botanical medicines can be applied effectively with minimal likelihood 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**

Naturopathic physicians provide natural 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 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. All methods of diagnostic testing and imaging are used, including x-ray and ultrasound. 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 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.

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 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 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 program.



# ND Course of Study 2002 Four Year Track

**first year**

course#	FIRST YEAR FALL	Clinic	Lab	Lecture	Hours	Credits
BAS410	Musculoskeletal Anatomy I			24	24	2.00
BAS412	Organ Systems A and P I			72	72	6.00
BAS411	Anatomy Lab I		24		24	0.67
BAS417	Cellular Systems I			36	36	3.00
BAS417T	Cellular Systems Tutorial I		9		9	0.25
BAS414	Medical Histology			36	36	3.00
BAS414L	Medical Histology lab		24		24	0.67
BAS418	Basic Science Clinical Correlate I		24		24	0.67
NPH410	Naturopathic Med Phil and Ther I			24	24	2.00
PHM416	Palpation I Lab		24		24	0.67
			105	192	297	18.93
course#	FIRST YEAR WINTER	Clinic	Lab	Lecture	Hours	Credits
BAS434	Research and Statistics			12	12	1.00
BAS420	Musculoskeletal Anatomy II			24	24	2.00
BAS421	Anatomy Lab II		24		24	0.67
BAS422	Organ Systems A and P II			72	72	6.00
BAS427	Cellular Systems II			36	36	3.00
BAS427T	Cellular Systems Tutorial II		9		9	0.25
BAS428	Basic Science Clinical Correlate II		24		24	0.67
NPH420	Naturopathic Med Phil and Ther II			24	24	2.00
PHM412	Hydrotherapy w/Lab		24	12	36	1.67
PHM426	Palpation II Lab		24		24	0.67
PSY420	Skills of Communications			12	12	1.00
PSY420L	Skills of Communications Lab		18		18	0.50
			123	192	315	19.43
course#	FIRST YEAR SPRING	Clinic	Lab	Lecture	Hours	Credits
BAS432	Organ Systems A and P III			84	84	7.00
BAS431	Anatomy Lab III		12		12	0.33
BAS437	Cellular Systems III			36	36	3.00
BAS437T	Cellular Systems Tutorial III		9		9	0.25
BAS438	Basic Science Clinical Correlate III		24		24	0.67
CLS512	Pathology I			36	36	3.00
CLE430	Introduction to Clinic	12.00			12.00	0.25
NPH430	Naturopathic Med Phil and Ther III			24	24.00	2.00
BAS436	Microbiology and Public Health			72	72	6.00
PSY530	Stress Management			12	12	1.00
		12.00	45	264	321	23.50
	<b>FIRST YEAR CREDIT TOTALS</b>	<b>12.00</b>	<b>273.00</b>	<b>648.00</b>	<b>933.00</b>	<b>61.86</b>

# second year

course#	SECOND YEAR FALL	Clinic	Lab	Lecture	Hours	Credits
CCM510	Chinese Medicine I			36	36	3.00
CLS510	Clinical/Physical Diagnosis I			60	60	5.00
CLS510L	Physical Diagnosis Lab I		24		24	0.67
CLS522	Pathology II			48	48	4.00
CLS513	Lab Diagnosis I			24	24	2.00
CLS513L	Lab Diagnosis I Lab		12		12	0.33
CLS516	Pharmacology I			36	36	3.00
HOM520F	Intro Homeopathy			24	24	2.00
CLS514	Clinical Case Presentations I		24		24	0.67
PHM511	Office Orthopedics I		24		24	0.67
CLE510	Clinical Rotation Hydro/Massage	36.00			36	0.75
		36.00	84.00	228.00	348.00	22.09
course#	SECOND YEAR WINTER	Clinic	Lab	Lecture	Hours	Credits
BOT520	Botanical Materia Medica I			36	36	3.00
CCM520	Chinese Medicine II			36	36	3.00
CLS520	Clinical/Physical Diagnosis II			60	60	5.00
CLS520L	Physical Diagnosis Lab II		24		24	0.67
CLS532	Pathology III			36	36	3.00
CLS523	Lab Diagnosis II			24	24	2.00
CLS523L	Lab Diagnosis II Lab		12		12	0.33
CLS526	Pharmacology II			36	36	3.00
HOM520W	Homeopathy I			24	24	2.00
CLS524	Clinical Case Presentation II		24		24	0.67
CLE520	Clinical Rotation Hydro/Massage	36.00			36.00	0.75
PHM522	Office Orthopedics II		24		24.00	0.67
		36.00	84.00	252.00	372.00	24.09
course#	SECOND YEAR SPRING	Clinic	Lab	Lecture	Hours	Credits
BOT530	Botanical Materia Medica II			24	24.00	2.00
CLS530	Clinical Physical Diagnosis III			60	60.00	5.00
CLS530L	Physical Diagnosis Lab III		24		24.00	0.67
CLS533	Lab Diagnosis III			24	24.00	2.00
CLS533L	Lab Diagnosis III Lab		12		12.00	0.33
HOM530	Homeopathy II			24	24.00	2.00
NUT530	Nutrition I			36	36.00	3.00
CLS534	Clinical Case Presentation III		24		24.00	0.67
PHM520	Naturopathic Manipulative Ther I			12	12.00	1.00
PHM520L	Naturopathic Man. Ther Lab I		24		24.00	0.67
CLS542	Pathology IV			48	48.00	4.00
CLE942A/B	Clinic Education	12.00			12.00	0.250
		12.00	84.00	228	324	21.59
	<b>SECOND YEAR TOTALS</b>	<b>84.00</b>	<b>252.00</b>	<b>708.00</b>	<b>1044.00</b>	<b>67.77</b>

# third year

course#	THIRD YEAR FALL	Clinic	Lab	Lecture	Hours	Credits
BOT610	Botanical Materia Medica III			36	36.00	3.00
CLS614	Diagnostic Imaging I			24	24.00	2.00
HOM610	Homeopathy III			36	36.00	3.00
PHM530	Naturopathic Man. Ther. II			12	12.00	1.00
PHM530L	Naturopathic Man. Ther II Lab		24		24.00	0.67
NOS613	Gynecology			36	36.00	3.00
NUT611	Nutrition II			36	36.00	3.00
OBS610	Obstetrics I			36	36.00	3.00
CLE710	Clinic Secondary Shift # 1	48.00			48.00	1.00
CLE711	Clinic Secondary Shift # 2	48.00			48.00	1.00
CLE972A	Clinic Grand Rounds/Clinic Ed	18.00			18.00	0.38
CLE716F	Clinic Lab Practicum	8.00			8.00	0.17
PHM510	Physiotherapy I w/ Lab		18	6	24.00	1.00
		122.00	42	222	386.00	22.22

course#	THIRD YEAR WINTER	Clinic	Lab	Lecture	Hours	Credits
CLS624	Diagnostic Imaging II			36	36.00	3.00
PSY610	Doctor Patient Relations			12	12.00	1.00
PSY610L	Doctor Patient Relations Lab		12		12.00	0.33
HOM620	Homeopathy IV			36	36.00	3.00
PHM511	Physiotherapy II w/ Lab		18	6	24.00	1.00
NUT622	Nutrition III			36	36.00	3.00
PHM621	Minor Surgery I with Lab		12	24	36.00	2.33
PHM610	Nat. Manipulative Ther III			12	12.00	1.00
PHM610L	Nat. Manipulative Ther III Lab		24		24.00	0.67
NOS732	Gastroenterology			24	24.00	2.00
CLE712	Clinic Secondary Shift #3	48.00			48.00	1.00
CLE713	Clinic Secondary Shift #4	48.00			48.00	1.00
CLE972B	Clinic Grand Rounds/Clinic Ed	18.00			18.00	0.38
CLE717	Clinic Medicinary Practicum***	24.00			24.00	0.50
CLE716W	Clinic Lab Practicum	8.00			8.00	0.17
NPH733	Business Practice Seminar I			24	24.00	2.00
		146.00	66.00	210.00	422.00	22.38

\*\*\* This course may be taken any term during the 3rd year

course#	THIRD YEAR SPRING	Clinic	Lab	Lecture	Hours	Credits
CLS634	Diagnostic Imaging III			24	24.00	2.00
NOS630	Cardiology			36	36.00	3.00
NOS632	Pediatrics			36	36.00	3.00
NUT633	Nutrition IV			36	36.00	3.00
PHM631	Minor Surgery II with Lab		12	24	36.00	2.33
CLS632	First Aid and Emergency Medicine			24	24.00	2.00
NOS615	Gynecology Lab***		24		24.00	0.67
PHM640	Nat. Manipulative Ther IV			12	12.00	1.00
PHM640L	Nat. Manipulative Ther IV Lab		24		24.00	0.67
CLE714	Clinic Secondary Shift #5	48.00			48.00	1.00
CLE715	Clinic Secondary Shift #6	48.00			48.00	1.00
CLE972E	Clinic Grand Rounds/Clinic Ed	18.00			18.00	0.38
CLE716S	Clinic Lab Practicum	8.00			8.00	0.17
		122.00	60	192	374.00	20.220
	<b>THIRD YEAR TOTALS</b>	<b>390.00</b>	<b>168.00</b>	<b>624.00</b>	<b>1182.00</b>	<b>64.82</b>

**fourth year**

course#		Clinic	Lab	Lecture	Hours	Credits
<b>FOURTH YEAR SUMMER</b>						
CLE718	Clinic X-Ray Practicum	24.00			24.00	0.50
CLE810	Clinic Senior Lab Post	12.00			12.00	0.25
CLE824	Clinic Primary Shift #1	48.00			48.00	2.00
CLE825	Clinic Primary Shift #2	48.00			48.00	2.00
CLE822	Clinic Primary Shift #3	48.00			48.00	2.00
CLE840	Clinic Field Observation 1*	48.00			48.00	1.00
CLE841	Clinic Field Observation 2*	48.00			48.00	1.00
	<b>SUMMER TOTALS</b>	<b>276.00</b>	<b>0.00</b>	<b>0.00</b>	<b>276.00</b>	<b>8.75</b>
<b>FOURTH YEAR FALL</b>						
NOS710	Eye,Ears,Nose,Throat**			24	24.00	2.00
CLS631	Environmental Medicine			24	24.00	2.00
NOS711	Dermatology			24	24.00	2.00
PSY722	Psychological Assessment			30	30.00	2.50
NOS714	Geriatrics			12	12.00	1.00
PHM630	Exercise Therapeutics		24		24.00	0.67
PHM650L	Nat. Man. Ther. V Lab		24		24.00	0.67
CLE812	Clinic Primary Shift #4	48.00			48.00	2.00
CLE813	Clinic Primary Shift #5	48.00			48.00	2.00
CLE814	Clinic Primary Shift #6	48.00			48.00	2.00
CLE972D	Clinic Grand Rounds/Clinic Ed	18.00			18.00	0.38
CLE842	Clinic Field Observation 3*	48.00			48.00	1.00
		<b>210.00</b>	<b>48.00</b>	<b>114.00</b>	<b>372.00</b>	<b>18.220</b>
<b>FOURTH YEAR WINTER</b>						
NOS720	Neurology**			24	24.00	2.00
NOS721	Urology			24	24.00	2.00
NOS723	Proctology			12	12.00	1.00
NOS712	Endocrinology			24	24.00	2.00
PSY720	Counseling Tech.			30	30.00	2.50
CLE815	Clinic Primary Shift #7	48.00			48.00	2.00
CLE816	Clinic Primary Shift #8	48.00			48.00	2.00
CLE817	Clinic Primary Shift #9	48.00			48.00	2.00
CLE972E	Clinic Grand Rounds/Clinic Ed	18.00			18.00	0.38
CLE843	Clinic Field Observation 4*	48.00			48.00	1.00
CLE844	Clinic Field Observation 5*	48.00			48.00	1.00
		<b>258.00</b>	<b>0.00</b>	<b>114.00</b>	<b>372.00</b>	<b>17.880</b>
<b>FOURTH YEAR SPRING</b>						
CLS621	Medical Genetics			24	24.00	2.00
NPH731	Jurisprudence and Medical Ethics			24	24.00	2.00
NPH733	Business Practice Seminar II			24	24.00	2.00
NOS725	Oncology			24	24.00	2.00
CLE818	Clinic Primary Shift #10	48.00			48.00	2.00
CLE819	Clinic Primary Shift #11	48.00			48.00	2.00
CLE820	Clinic Primary Shift #12	48.00			48.00	2.00
CLE821	Clinic Primary Shift #13*	48.00			48.00	2.00
CLE972F	Clinic Grand Rounds/Clinic Ed	18.00			18.00	0.38
CLE845	Clinic Field Observation 6*	24.00			24.00	0.50
CLE930	Clinic Community Service*	24.00			24.00	0.50
		<b>258.00</b>	<b>0.00</b>	<b>96.00</b>	<b>354.00</b>	<b>17.380</b>
	<b>FOURTH YEAR TOTALS</b>	<b>1002.000</b>	<b>48.000</b>	<b>324.000</b>	<b>1374.000</b>	<b>62.230</b>

\* These hours are cumulative and may actually be earned in a term other than that listed.

\*\* These classes also offered summer term.

## Electives

course#	Electives	Term Offered	Lab	Lecture	Hours	Credits
PHM740E	Advanced Minor Surgery	4th Yr F		36	36	3.00
NOS540E	Chronic Viral Disease	2nd Yr S		24	24	2.00
PHM510E	Colonic	3rd Yr F		12	12	1.00
HOM630E	Homeopathy V	3rd Yr S		36	36	3.00
HOM710E	Homeopathy VI	4th Yr F		36	36	3.00
HOM720E	Homeopathy VII	4th Yr W		36	36	3.00
HOM730E	Homeopathy VIII	4th Yr S		36	36	3.00
BOT440 E	Northwest Herbs I	1st Yr F		24	24	2.00
BOT441E	Northwest Herbs II	1st Yr W		24	24	2.00
BOT442E	Northwest Herbs III	1st Yr S		24	24	2.00
BOT620E	Advanced Topics Botanical Medicine I	3rd Yr W		36	36	3.00
BOT630E	Advanced Topics Botanical Medicine II	3rd Yr S		36	36	3.00
OBS620E	Obstetrics II	3rd Yr W		36	36	3.00
OBS630E	Obstetrics III	3rd Yr S		36	36	3.00
OBS710E	Obstetrics IV	4th Yr F		36	36	3.00
OBS720E	Obstetrics V	4th Yr W		36	36	3.00
OBS730E	Obstetrics VI	4th Yr S		24	24	2.00
OBS740E	Obstetrics VII	4th Yr S		12	12	1.00
CLS640E	Natural Pharmacology	3rd Yr S		24	24	2.00
PHM401E	Bodywork I /Massage Foundations	Fall/Winter	24		24	0.67
PHM402E	Bodywork II / Advance Massage	Winter/Spring	24		24	0.67
PHM403E	Bodywork III /Energy Work	Spring	24			0.67
PHM515E	Somatic Re-Education I**	All Terms	24		24	0.67
PHM516E	Somatic Re-Education II **	All Terms	24		24	0.67
PHM517E	Somatic Re-Education III **	Variable	24		24	0.67
PHM518E	Somatic Re-Education IV **	Variable	24		24	0.67
PHM519E	Somatic Re-Education V **	Variable	24		24	0.67
CLS644E	Clinical Case Presentation IV	4th Yr W	24		24	0.67
CCM535	Chinese Medicine III Part A	2nd Yr S		24	24	2.00
CCM536	Chinese Medicine III Part B	2nd Yr S		24	24	2.00
PHM710E	IV Therapy	All Terms	18	12	30	1.50
CLS643E	The Liver	Winter/Spring		24	24	2.00
NOS699E	Advanced Pediatrics	Spring		24	24	2.00
PHM699E	Nature Cure	Variable		24	24	2.00
			210	696	906	63.86

### HOUR SUMMARY

	Clinic	Lab	Lecture	Hours	Credits
Class Hours			2304	2304	192.00
Lab Hours		741		741	20.58
Clinic Hours	1488			1488	31.00
Total Required Hours	1488	741	2304	4533	243.58
Total Elective Hours		210	696	906	63.83



# ND Course Descriptions

## 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.

Please Note: The basic science courses are undergoing curricular integration that will be reflected in changes in course names and descriptions.

### BAS 410/420 Musculoskeletal Anatomy I, II

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: general biology, BAS 410 for BAS 420. (2 credit hours lecture, 2 terms)

### BAS 411/421/431 Gross Anatomy Laboratory I, II, III

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. (0.67 credit hours fall and winter, 0.33 credit hours in the spring, 3 terms).

### BAS 412/422/432 Organ Systems Anatomy and Physiology I, II, III

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: general biology, BAS 412 for BAS 422, BAS 422 for 423. (6 credit hours lecture fall and winter, 7 credit hours lecture in spring).

### BAS 417/427/437 Cellular Systems I, II, III

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

Prerequisites: general chemistry and organic chemistry, BAS 417 for BAS 427 and BAS 427 for BAS 437. (9 credit hours lecture, 3 terms, plus 0.5 credit per term for 3 terms of discussion/recitation)

### BAS 414 Medical Histology

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

Prerequisites: general biology (3 credit hours lecture, 0.67 credit hours lab, 1 term)

### BAS 418/428/438 Basic Science Clinical Correlations I, II, III

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 (0.67 credit hour fall, 0.67 credit hour winter, 0.67 credit hour spring; discussion)

### BAS 436 Microbiology and Public Health

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 physician interacts with public health agencies.

Prerequisites: general biology, general chemistry, and organic chemistry (6 credit hours lecture, 1 term)

### BAS 434 Research and Statistics

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

Prerequisites: none (1 credit hour lecture, 1 term)



## 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 teaching clinic that houses 150 different herbal tinctures and 100 dry herbs. In addition to courses focused specifically on botanical medicine, the ND program includes discussion of botanical treatment in clinical science courses (endocrinology, cardiology, gynecology, urology, dermatology, oncology, neurology, etc.).

### BOT 440E/441E/442E Northwest Herbs

These elective courses cover basic botany and local plant identification, harvesting and drying techniques, and preparation of dry and fresh herb tinctures, salves, and other preparations. Students are encouraged to develop an appreciation for plants that is not limited to seeing them as medicinal agents.

Prerequisites: none (2 credit hours lecture/lab/field trips, 3 terms)

### BOT 520/530/610 Botanical Materia Medica I, II, III

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.

## ND Course Descriptions continued

Prerequisites: concurrent enrollment in CLS 520/530 (3 credit hours lecture winter, 2 credit hours lecture spring, 3 credit hours lecture fall.)

### BOT 620E/630E Advanced Botanical Materia Medica I, II

These elective courses build on the required botanical materia medica classes and include additional and less commonly used plant medicines and creation of botanical formulas for various disorders.

(3 credit hours lecture, 2 terms)

## 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 A and B are available to ND students as electives.

### CCM 510 Classical Chinese Medicine I

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 critically through the literature of the field. 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 (3 credit hours lecture, 1 term)

### CCM 520/535A/536B/610

#### Classical Chinese Medicine II, IIIA, IIIB, IV

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 II (3 credit hours lecture, 1 term); CCM III A (2 credit hours lecture, 1 term); CCM IIIB (2 credit hours lecture, 1 term)



## **Naturopathic Clinical Education**

CLE 430, CLE 520/530, CLE 710/711/712/713/714/715, CLE 812/813/814/815/816/817/818/819/820/821/822/814/825

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 until they assume primary status. All patient care is under the direct supervision of licensed physicians.

Requirements for the completion of the clinical practicum include 1200 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.

The 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 at least six weeks in clinic during the summer between the third and fourth years.

In addition to the minimum 1200 hours of patient care, there is a weekly two-hour lecture series, Naturopathic Grand Rounds, in which guest lecturers present material of clinical interest to students and clinicians and instructive cases are discussed. Clinical education includes eight specific academic courses and community service activities. Students also attend medicinary, x-ray, and laboratory practicums.

Prerequisites: Prior to beginning third-year clinical training, students must pass the Secondary Clinic Entrance Examination. Prior to beginning fourth-year clinical training, students must also successfully complete a Primary Entrance Exam 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. 264 hours of clinical field observation are required for graduation. 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**

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 (3 credit hours lecture, 1 term)

### **NUT 610 Nutrition II**

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 develop skills in diet assessment and counseling.

Prerequisites: NUT 530 (3 credit hours lecture, 1 term)

### **NUT 620/630 Nutrition III, IV**

These courses integrate the content of Nutrition I and II and its 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 (3 credit hours lecture, 2 terms)

## Clinical 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

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 (5 credit hours lecture, 3 terms)



### CLS 510/520/530 L Physical Diagnosis Lab I, II, III

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

Prerequisites: Concurrent enrollment in CLS 510/520/530 (0.67 credit hours lab, 3 terms)

### CLS 512/522/532/542 Pathology I, II, III, IV

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 naturopathic philosophy, the mind/body connection, and nutrition as they relate to disease states.

Prerequisites: BAS 410/420, BAS 412/422, concurrent enrollment in BAS 432 (3/4/3/4 credit hours lecture, 4 terms)

### CLS 513/523/533 Laboratory Diagnosis I, II, III

This course sequence is coordinated with pathology and with 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, 436, 437 concurrent enrollment in CLS 510/520/530, CLS 512/522/532 (2 credit hours lecture, 0.33 credit hours lab, 3 terms)

### CLS 514/524/534 Clinical Case Presentations I, II, III

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

Prerequisites: BAS 432, concurrent enrollment in CLS 510L/520L/530L (0.67 credit hours discussion lab, 3 terms)

### CLS 516/526 Pharmacology I, II

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 (3 credit hours lecture, 2 terms)

### **CLS 614/624/634 Diagnostic Imaging I, II, III**

Students are taught the radiographic anatomy and radiographic 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, and magnetic resonance imaging, and their proper use in diagnosis.

Prerequisites: BAS 432, CLS 510/520/530 and 512/522/532/542 (2 credit hours fall term, 3 credit hours winter, 2 credit hours spring, lecture, 3 terms)

### **CLS 630 Emergency Medicine**

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

Prerequisites: CLS 510/520/530 (2 credit hours lecture/lab, 1 term)

### **CLS 631 Environmental Medicine**

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 (2 credit hours lecture, 1 term)

### **CLS 731 Medical Genetics**

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 (2 credit hours lecture, 1 term)

## **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 520F Introduction to Homeopathy**

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 (2 credit hours lecture, 1 term)

### **HOM 520W Homeopathy I**

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 520F (2 credit hours lecture, 1 term)

### **HOM 530 Homeopathy II**

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 (2 credit hours lecture, 1 term)

### **HOM 610 Homeopathy III**

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. The study of the Polycrest Remedies continues.

Prerequisites: HOM 530 (3 credit hours lecture, 1 term)

### **HOM 620 Homeopathy IV**

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

Prerequisites: HOM 610 (3 credit hours lecture, 1 term)

### **HOM 630E Homeopathy V**

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 (3 credit hours lecture, 1 term)

### **HOM 710E Homeopathy VI**

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 is 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, and remedies prescribed.

Prerequisites: HOM 620 (3 credit hours lecture, 1 term)

### **HOM 720E Homeopathy VII**

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, and will be able to prepare potencies from crude substances.

Prerequisites: HOM 620 (3 credit hours lecture, 1 term)

### **HOM 730E Homeopathy VIII**

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 (3 credit hours lecture, 1 term)

## **Mind / Body Medicine**

The fundamental purpose of the curriculum is to provide students with the information and skills necessary to work with patients in the realms of emotional and mental health as well as to provide students a solid foundation for skills of communication and interaction with patients. The basic principles of naturopathic medicine are reflected in psychological assessment, counseling techniques, and the basic approach to psychological problems, as well as integration of mind, body, and spirit.

### **PSY 420 Skills of Communication**

In this experiential class, students will develop beginning counseling skills, including interviewing and listening, assertiveness, conflict management, boundary setting, and positive regard.

Prerequisites: none (1 credit hour lecture, 0.5 credit hour lab, 1 term)

### **PSY 530 Stress Management**

This is an experiential course in techniques of stress reduction, time management, and wellness assessment. Student participation is emphasized.

Prerequisites: none (1 credit hour lecture, 1 term)

### **PSY 630 The Doctor/Patient Relationship**

This course deals with the challenges that arise in the doctor/patient relationship, including ethical issues, generating compliance, development of trust, ethical fee-setting, confidentiality, appropriate boundary setting, making referrals, dealing with patients who have terminal diseases, and other topics. Student discussion is emphasized.

Prerequisites: third-year status (1 credit hour lecture, 0.33 credit hour lab, 1 term)

### **PSY 720 Counseling Techniques**

This course provides further training for developing counseling skills in the management of specific conditions and situations that have a strong psychological component including eating disorders, substance abuse, and terminal illnesses.

Prerequisites: PSY 420 (2 credit hours lecture, 1 term)

### **PSY 722 Psychological Assessment**

This lecture course covers topics in medical psychiatry, including the appropriate terminology and diagnosis of psychopathologic disorders.

Prerequisites: none (3 credit hours lecture, 1 term)

## **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 O.B. 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 O.B. Selection Committee may be unable to place all qualified applicants.



### **OBS 710E Natural Childbirth IV**

Postpartum Management. 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: OBS 610 (3 credit hours lecture/lab, 1 term)

### **OBS 720E Obstetrics V: Neonatology**

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: OBS 610, NOS 632 (3 credit hours lecture/lab, 1 term)

### **OBS 730E Natural Childbirth VI**

Special Topics in Natural Childbirth. 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 waterbirths, working with related social agencies, and intubation training.

Prerequisites: OBS 610 (2 credit hours lecture/lab, 1 term)

### **OBS 740E Natural Childbirth VII**

Legal Aspects of Obstetrics/Midwifery. Medical, legal, and malpractice issues are discussed with respect to different states, as well as requirements for licensure.

Prerequisites: OBS 610 (1 credit hour lecture, 1 term)

The Curriculum Committee is currently considering establishing an extended obstetrics/midwifery program that would require further study at NCNM to acquire the OB certificate. The proposal under consideration would provide a higher level of training in natural childbirth and would require an increase in tuition for those individuals who are enrolled.

### **OBS 610 Natural Childbirth I**

Natural Childbirth for the General Practitioner. 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 (3 credit hours lecture, 1 term)

### **OBS 620E Natural Childbirth II**

Pregnancy Management. 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: OBS 610 (3 credit hours lecture, 1 term)

### **OBS 630E Natural Childbirth III: Labor and Delivery**

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: OBS 610 (3 credit hours lecture, 1 term)

## **Naturopathic Philosophy and Practice**

These courses provide the historical, philosophical, legal, and practical basis 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 and Therapeutics I, II, III**

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.

Prerequisites: none (2 credit hours lecture/discussion, 3 terms)

### **NPH 720/730 Business/Practice Seminar I, II**

These courses are based upon 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 (2 credit hours lecture/discussion, 2 terms)

### **NPH 731 Medical Jurisprudence/Ethics**

This course covers the basics of law as it applies to medical practice (e.g., informed consent, confidentiality, Good Samaritan Law, malpractice, etc.). Oregon and Washington state licensing laws are covered in depth, along with the basics of naturopathic licensing laws in various jurisdictions.

Prerequisites: fourth-year status (2 credit hours lecture, 1 term)

## **Naturopathic Practice / Organ Systems**

These courses present a system-by-system analysis of diagnosis, treatment, and health restoration from a naturopathic perspective—the basic working knowledge of the naturopathic physician. Appropriate situations for referral are covered in all classes.

### **NOS 613 Gynecology**

The primary focus of this course is the female genital system and the diagnosis and treatment of the problems associated with it. Fertility and family planning are also discussed.

Prerequisites: CLS 510/520/530 (3 credit hours lecture, 1 term)

### **NOS 615 Gynecology Lab**

This laboratory course teaches techniques and skills associated with gynecological treatment and diagnosis.

Prerequisites: NOS 613 or concurrently (0.67 credit hour lab, 1 term)

### **NOS 630 Cardiology**

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 (3 credit hours lecture, 1 term)

### **NOS 632 Pediatrics**

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 (3 credit hours lecture, 1 term)

### **NOS 710 Eyes, Ears, Nose and Throat**

Upon completion of this course, students will have the skills required for diagnosing, treating, and referring common and dangerous ophthalmologic and otolaryngeal problems.

Prerequisites: CLS 510/520/530 (2 credit hours lecture, 1 term)

### **NOS 711 Dermatology**

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, 512/522/532/542 (2 credit hours lecture, 1 term)

### **NOS 712 Endocrinology**

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, 512/522/532/542, 513/523/533 (2 credit hours lecture, 1 term)

### **NOS 714 Geriatrics**

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: fourth-year status, CLS 510/520/530 (1 credit hour lecture, 1 term)

### **NOS 720 Neurology**

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 (2 credit hours lecture, 1 term)

### **NOS 721 Urology**

This course covers the naturopathic and conventional diagnosis and treatment of diseases affecting the urinary tract. Also included is a section on diseases of the male genital system.

Prerequisites: CLS 510/520/530 (2 credit hours lecture, 1 term)

### **NOS 723 Proctology**

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 (1 credit hour lecture, 1 term)

### **NOS 725 Oncology**

This course covers diagnostic, etiologic, prognostic, preventive, and epidemiologic information for cancers of common sites. Conventional, alternative, and innovative approaches are discussed. This course includes guest lecturers from various specialties and disciplines.

Prerequisites: fourth-year status, CLS 510/520/530 (2 credit hours lecture, 1 term)

### **NOS 732 Gastroenterology**

This lecture 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 covered. Format is lecture and case discussions.

Prerequisites: CLS 510/520/530, 512/522/532/542 (2 credit hours lecture, 1 term)

## **Physical Medicine**

These courses teach the therapeutic modalities that formed the historical beginnings of naturopathic medicine—hydrotherapy and manipulative therapy. Study includes traditional as well as modern techniques that evolved with the advent of electricity in medicine.

### **PHM 412/422 Hydrotherapy and Lab**

This is a lecture and practical course covering the physiological principles underlying the therapeutic use of water, heat, and cold. Students learn procedures by administering and receiving treatments and determining appropriate applications.

Prerequisite: NPH 410 (2 credit hours lecture winter, 0.67 credit hour lab spring, 2 terms)

### **PHM 416/426 Palpation Lab I, II**

In this course, students are taught to identify bony and soft tissue structures by external palpation and are taught the relationship of bones, muscles, and movement and how to discern which muscles create specific movements. This course complements the students' concurrent study of anatomy and prepares them for courses in physical diagnosis, orthopedics, and naturopathic manipulative therapy.

Prerequisites: concurrent enrollment in BAS 410/420 (0.67 credit hour lab, 2 terms)

### **PHM 401E Bodywork I**

Massage Foundations. Bodywork I is the foundation course for all other bodywork courses. It teaches the basic language and strokes of Swedish massage.

Prerequisites: none (0.67 credit hour lab, 1 term)



### **PHM 402E Bodywork II**

Advanced Massage. Bodywork II covers advanced massage techniques, additional trigger point work, therapeutic touch.

Prerequisites: PHM 401E (0.67 credit hour lab, 1 term)

### **PHM 403E Bodywork III**

Energy Work. Bodyworks III teaches students to open to, become sensitive to, and develop their energy work. This is taught through several factors including subtle energy techniques, the language of energy, and the boundaries of energy.

Prerequisites: PHM 401E (0.67 credit hour lab, 1 term)

### **PHM 510E Colonic Hydrotherapy**

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

Prerequisites: BAS 430/432 (1 credit hour lecture fall, 1 term)

### **PHM 511 Physiotherapy Lecture with Lab**

This course covers the basic physics, physiology, indications, contraindications, and practical application of the major physiotherapy modalities: galvanism, sine wave, faradic and interferential currents, the diathermies, ultrasound, phototherapy, vibration, heat, and cold.

Prerequisites: PHM 512/522 (0.5 credit hour lecture, 0.5 credit hour lab, 2 terms)

### **PHM 512/522 Office Orthopedics I, II**

This course explores the diagnosis, pathophysiology, and treatment of disorders involving the skeletal system and defines which conditions can be handled safely in a general practice office. Students practice taping, splinting, and casting techniques.

Prerequisites : PHM 416/426 and BAS 410/420/430 (0.67 credit hour lab, 2 terms)

### **PHM 515E/516E/517E/518E/519E**

#### **Somatic Re-Education I, II, III, IV, V**

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 (0.67 credit hour per term)

### **PHM 520/530/610/640/650L**

#### **Naturopathic Manipulative Therapeutics I, II, III, IV**

Lecture. These courses discuss the history and rationale for naturopathic manipulative therapies and cover the pathophysiology, diagnosis, and treatment of disorders of the spine, pelvis, and extremities.

Lab. The labs give practical experience in developing the performance skills of naturopathic manipulation.

Prerequisites: PHM 416/426, CLS 510/520, PHM 512/522 concurrent enrollment in CLS 530 (1 credit hour lecture for 4 terms, 0.67 credit hour lab for 5 terms)

### **PHM 621/631 Minor Surgery I, II**

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 (2 credit hours lecture, 0.33 credit hour lab, 2 terms)

### **PHM 630 Exercise Therapeutics**

This course gives students an overview of the current research in exercise as a preventive and therapeutic tool. Students are taught to perform a fitness assessment and to prescribe and monitor exercise programs for persons with a variety of disease conditions.

Prerequisites: BAS 412/422/432, 417/427/437; CLS 510/520/530 (0.67 lab credit hour, 1 term)

### **PHM 740E Advanced Minor Surgery**

Upon completion of this course, students will have a broader knowledge of surgical procedures (Z-plasty, M-plasty) and various suturing techniques that will enable them to handle a wider variety of cases.

Prerequisites: PHM 621/631 (2 credit hours, 1 term)

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# Master of Science in Oriental Medicine



## Chinese Medicine as Explained by the Classics

The defining image of Chinese medicine for most Occidentals is that of the acupuncturist's needles extending porcupine-like from a patient's skin. This is indeed a dramatic image, but it represents only a glimpse of the philosophy and practice of the world's oldest intact system of natural healing. The antiquity, beauty, and efficacy of Chinese medicine have drawn Western scholars for generations. But 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.

The MSOM degree program at NCNM emphasizes the holistic spirit of the classic teachings of Oriental medicine. This 212.69 credit-hour, 3768-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 MSOM Program

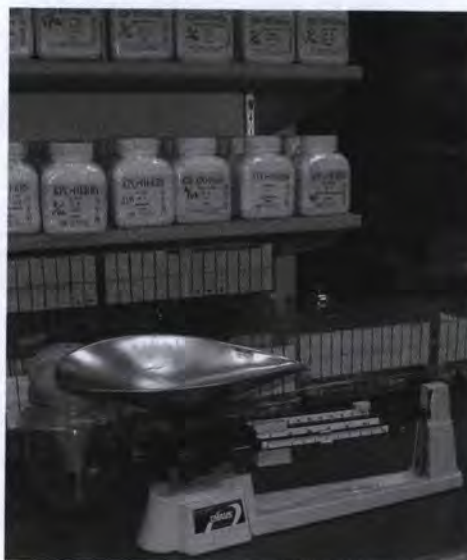
When the establishment of an Oriental medicine program at NCNM was first considered, the College found that Chinese medicine, as a natural healing art, was well within the scope of the philosophy underlying the general mission of the College. NCNM decided to include the more specific purpose of focusing on the classical tradition of Chinese medicine. Historically, it has been the didactic direction of the College to emphasize the "classical" traditions of naturopathic medicine and homeopathy. The academic background of the Department Chair and all core faculty members is, moreover, distinguished by extensive training in the classical tradition of Oriental medicine. Therefore, 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 MSOM Program

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 effecting 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 Program of Study

The Master of Science in Oriental Medicine (MSOM) program is a four-year course of study. Students who are concurrently enrolled in the MSOM and ND programs complete a six-year course of study with some of the coursework from the ND program being transferable to the MSOM program.

# MSOM Course of Study

## first year

<i>Course #</i>	<i>Course</i>	<i>Clinic</i>	<i>Lab</i>	<i>Lecture</i>	<i>Hours</i>	<i>Credits</i>
<b>FIRST YEAR FALL</b>						
BAS410	Musculoskeletal Anatomy I			24	24	2.00
BAS411	Gross Anatomy Lab I		24		24	0.67
BAS412	Organ Systems Anat and Physio I			72	72	6.00
BAS417/T	Cellular Systems and Tutorial I		18	36	54	3.50
CCM510	Theory I			36	36	3.00
PHM416	Palpation I Lab		24		24	.67
CCM983	Tai Ji I		12		12	0.33
	First Year Fall Totals		78	168	246	16.17
<b>FIRST YEAR WINTER</b>						
BAS420	Musculoskeletal Anatomy II			24	24	2.00
BAS421	Gross Anatomy Lab II		24		24	0.67
BAS422	Organ Systems Anat and Physio II			72	72	6.00
BAS427/T	Cellular Systems and Tutorial II		18	36	54	3.50
PHM426	Palpation II Lab		24		24	.67
PSY420	Skills of Communication		18	12	30	1.50
CCM520	Theory II			36	36	3.00
	First Year Winter Totals		84	180	264	17.34
<b>FIRST YEAR SPRING</b>						
BAS432	Organ Systems Anat and Physio III			84	96	7.00
BAS431	Gross Anatomy Lab III		12			0.33
BAS433	Microbiology and Public Health			72	72	6.00
BAS437/T	Cellular Systems and Tutorial III		18	36	54	3.50
CLS512	Pathology I			36	36	3.00
CCM535	Theory III Part I			24	24	2.00
CCM536	Theory III Part II			24	24	2.00
	First Year Spring Totals		30	276	306	23.83
	<b>FIRST YEAR TOTALS</b>		<b>192</b>	<b>624</b>	<b>816</b>	<b>57.34</b>

**second year**

		<b>SECOND YEAR FALL</b>				
<i>Course #</i>	<i>Course</i>	<i>Clinic</i>	<i>Lab</i>	<i>Lecture</i>	<i>Hours</i>	<i>Credits</i>
CLS510	Clinical/Physical Diagnosis I			60	60	5.00
CLS510L	Physical Diagnosis Lab I		24		24	0.67
CLS522	Pathology II			48	48	4.00
CCM511	Herbs I w/Lab		12	36	48	3.33
CCM512	Points I			36	36	3.00
CCM513	Techniques I		24		24	0.67
CCM514	Qigong I			12	12	1.00
CCM515	Qigong Practicum I			12	12	1.00
CCM991	Shiatsu I		36		36	1.00
	Second Year Fall Total		96	204	348	19.67
		<b>SECOND YEAR WINTER</b>				
CLS520	Clinical/Physical Diagnosis II			60	60	5.00
CLS520L	Physical Diagnosis Lab II		24		24	0.67
CLS532	Pathology III			48	48	4.00
CCM521	Herbs II			36	36	3.00
CCM522	Points II			36	36	3.00
CCM523	Techniques II		24		24	0.67
CCM524	Qigong II			12	12	1.00
CCM525	Qigong Practicum II			12	12	1.00
CCM981	Traditional Mentoring Tutorial I		24		24	0.67
	Second Year Winter Total		72	204	336	19.01
		<b>SECOND YEAR SPRING</b>				
CLS530	Clinical/Physical Diagnosis III			60	60	5.00
CLS530L	Physical Diagnosis Lab III		24		24	0.67
CLS542	Pathology IV			36	36	3.00
CCM531	Herbs III w/Lab		12	36	48	3.33
CCM532	Points III			36	36	3.00
CCM533	Techniques III		24		24	0.67
CCM800	Clinic Observation I	48			48	1.00
CCM534	Qigong III			12	12	1.00
CCM537	Qigong Practicum III			12	12	1.00
	Second Year Spring Total	48	60	192	300	18.67
		<b>SECOND YEAR TOTALS</b>				
		48	228	600	924	57.35

# third year

		THIRD YEAR SUMMER				
Course #	Course	Clinic	Lab	Lecture	Hours	Credits
CCM801	Clinic Observation II	48			48	1.00
CCM802	Clinic Observation III	48			48	1.00
	Third Year Summer Totals	96			96	2.00
		THIRD YEAR FALL				
Course #	Course	Clinic	Lab	Lecture	Hours	Credits
CLS516	Pharmacology I			36	36	3.00
CCM610	Theory IV			36	36	3.00
CCM611	Herbs IV			36	36	3.00
CCM612	Points IV			36	36	3.00
CCM613	Techniques IV		36		36	1.00
CCM614	Qigong IV			12	12	1.00
CCM615	Qigong IV			12	12	1.00
CCM830	Clinic Observation IV	48			48	1.00
	Third Year Fall Totals	48	36	168	252	16.00
		THIRD YEAR WINTER				
CLS526	Pharmacology II			36	36	3.00
CCM620	Theory V			36	36	3.00
CCM621	Herbs V w/Lab		12	36	48	3.33
CCM622	Points V			36	36	3.00
CCM623	Techniques V		36		36	1.00
CCM624	Qigong V			12	12	1.00
CCM625	Qigong V			12	12	1.00
CCM831	Clinic Observation V	48			48	1.00
	Third Year Winter Totals	48	48	168	264	16.33
		THIRD YEAR SPRING				
NUT530	Nutrition I			36	36	3.00
CCM631	Herbs VI			36	36	3.00
CCM632	Points VI			36	36	3.00
CCM633	Techniques VI		36		36	1.00
CCM634	Qigong VI			12	12	1.00
CCM636	Qigong VI			12	12	1.00
CCM832	Clinic Observation VI	48			48	1.00
CCM936	CCM Medicinary Practicum*	24			24	0.67
CCM982	Mentoring Tutorial II		24		24	0.67
	Third Year Spring Totals	72	60	132	264	14.17
		THIRD YEAR TOTALS				
		264	144	468	876	48.50

\*May be taken in Fall or Winter

**fourth year**

<i>Course #</i>	<i>Course</i>	<i>Clinic</i>	<i>Lab</i>	<i>Lecture</i>	<i>Hours</i>	<i>Credits</i>
<b>FOURTH YEAR SUMMER</b>						
CCM900	Clinic Internship I	48			48	1.00
CCM901	Clinic Internship II	48			48	1.00
CCM902	Clinic Internship III	48			48	1.00
	Fourth Year Summer Totals	144			144	3.00
<b>FOURTH YEAR FALL</b>						
NUT611	Nutrition II			36	36	3.00
PSY722	Psychological Assessment			36	36	3.00
CCM635	Oriental Dietetics			24	24	2.00
CCM711	Classical Case Studies I			36	36	3.00
CCM702	Clinical Theater I	36			36	0.75
CCM714	Qigong VII			12	12	1.00
CCM716	Qigong VII			12	12	1.00
CCM715	Case Presentation I	24			24	0.50
CCM910	Clinic Internship IV	48			48	1.00
CCM911	Clinic Internship V	48			48	1.00
CCM912	Clinic Internship VI	48			48	1.00
	Fourth Year Fall Totals	204	0	156	360	17.25
<b>FOURTH YEAR WINTER</b>						
NPH720	Business Practices Seminar I			24	24	2.00
PSY720	Counseling Techniques		18	18	36	2.00
CCM721	Classical Case Studies II			36	36	3.00
CCM712	Clinical Theater II	36			36	0.75
CCM724	Qigong VIII			12	12	1.00
CCM726	Qigong VIII			12	12	1.00
CCM725	Case Presentation II	24			24	0.50
CCM920	Clinic Internship VII	48			48	1.00
CCM921	Clinic Internship VIII	48			48	1.00
CCM922	Clinic Internship IX	48			48	1.00
	Fourth Year Winter Totals	204	18	102	324	13.25
<b>FOURTH YEAR SPRING</b>						
NPH730	Business Practice Seminar II			24	24	2.00
CCM710	Theory VI			36	36	3.00
CCM734	Qigong IX			12	12	1.00
CCM733	Qigong IX			12	12	1.00
CCM735	Case Presentation III	24			24	0.50
CCM736	Acupuncture and Herbs Review			24	24	2.00
CCM737	CCM Ethics and Jurisprudence			12	12	1.00
CCM930	Clinic Internship X	48			48	1.00
CCM931	Clinic Internship XI	48			48	1.00
CCM932	Clinic Internship XII	48			48	1.00
CCM933	Clinic Internship XIII	48			48	1.00
CCM934	Clinic Internship XIV	24			24	0.50
CCM999	Masters Thesis			12	12	1.00
	Fourth Year Spring Totals	240	0	132	372	16.00
<b>FOURTH YEAR TOTALS</b>		<b>792</b>	<b>18</b>	<b>390</b>	<b>1200</b>	<b>49.50</b>



## MSOM Degree Summary

	Clinic	Lab	Lecture	Hours	Credits
First year totals		192	624	816	57.34
Second year totals	48	228	600	876	57.35
Third year totals	264	144	468	876	48.50
Fourth year totals	792	18	390	1200	49.50
Total Hour Requirements	1104	582	2082	3768	212.69

## Electives

Course #	Course	Clinic	Lab	Lecture	Hours	Credits
CCM597E	Chinese Medical Terminology I		24		24	2.00
CCM599E	China Trip			60	60	5.00
CCM603	Teaching Medical Qigong I			24	24	2.00
CCM604	Teaching Medical Qigong II			24	24	2.00
CCM605	Teaching Medical Qigong III			24	24	2.00
CCM697E	Chinese Medical Terminology II		24		24	2.00
CCM703	Teaching Medical Qigong IV			24	24	2.00
CCM704	Teaching Medical Qigong V			24	24	2.00
CCM705	Teaching Medical Qigong VI			24	24	2.00
CCM801	Shiatsu Clinic I	48			48	1.00
CCM802	Shiatsu Clinic II	48			48	1.00
CCM803	Shiatsu Clinic III	48			48	1.00
CCM804	Shiatsu Clinic IV	48			48	1.00
CCM950E	Spirit of the Points			36	36	3.00
CCM997	Shiatsu II		36		36	1.00
CCM998	Shiatsu III		36		36	1.00
CCM984	Tai Ji II		12		12	0.33
CCM985	Tai Ji III		12		12	0.34
CCM986	Tai Ji IV		12		12	0.33
CCM987	Tai Ji V		12		12	0.33
CCM988	Tai Ji VI		12		12	0.34



# MSOM Course Descriptions

## Classical Case Studies

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

### CCM 711/721 Classical Case Studies I-II

Upon completion of these courses, students should:

- Have a deeper understanding of the therapeutic principles and treatment approaches used by various “schools” of Chinese medicine as demonstrated by selected case studies from the works of historical master clinicians who developed and promoted them.
- Be able to utilize these various approaches in clinical diagnosis and treatment.
- Have a deeper understanding of the therapeutic principles of Chinese medicine and the diversity of their application in a contemporary clinical setting.
- Be able to integrate a variety of both traditional and modern clinical approaches into their own clinical practices.

(72 hours, 6 credits)



## Herbal Studies

Two terms are devoted to individual herbs and the medical theory pertinent to their classification within the materia medica. The third term is devoted to basic herbal combinations, followed by two terms of classical formulas and a term covering external applications and the rules of formula modification.

### CCM 511/521 Herbs I-II

These courses include study of individual herbs, medical theory and classification within the materia medica. Upon completion of these courses students should:

- Understand the rationale and clinical significance of Chinese herb classification.
- Understand the diagnostic parameters and theoretical applications of the therapeutic categories into which the materia medica is organized.
- Be acquainted with approximately 300 “herbal” constituents in the categories covered, fairly knowledgeable of 120 with an in-depth knowledge of about 55.
- Be able to visually recognize herb samples and identify them by their Chinese and Latin names, know their materia medica category, as well as important information concerning their clinical use. (84 hours, 6 credits lecture, .33 credits lab)

### CCM 531 Herbs III

Herbs III includes the study of basic herbal combinations. Upon completion of this course students should:

- Understand the rudiments of combining herbs.
- Know how different combinations bring out specific clinical effects of an herb.
- Recognize the major 2-3 herb combinations that comprise the basic building blocks of herbal formulation and prescribing. (48 hours, 3 credits lecture, .33 credits lab)



### CCM 611/621 Herbs IV-V

Herbs IV-V focus on the study of classical formulas. Upon completion of these courses students should:

- Understand the clinical significance of Chinese herbal formulations and the principles of formula composition.
- Understand the diagnostic parameters and theoretical applications of the therapeutic categories into which the field of formula science (fangji xue) is organized.
- Be acquainted with approximately 160 herbal formulas in the categories covered, with an in-depth knowledge of about 40.
- Be able to visually recognize herb formulations and identify them by their Chinese and common English names, knowing their category and important clinical information as well.

(84 hours, 6 credits lecture, .33 credits lab)

### CCM 631 Herbs VI

Herbs VI consists of a seminar class on formula modification and a weekend course on the external application of Chinese herbs. Upon completion of this course students should:

- Understand the principles and clinical significance of the modification of herbal formulas.
- Be able to modify the formulas previously learned according to the individual needs of the patient.
- Understand the principles and clinical significance of the external application of herbs.
- Be able to make and apply external formulations such as liniments, ointments, herbal packs, and herbal pillows.

(36 hours, 3 credits)



## Ethics and Medical Jurisprudence

This course is designed to give the student an understanding of the professional and ethical issues that are fundamental considerations by a health care practitioner in general and practitioner of Oriental medicine in particular.

### CCM 737 Medical Jurisprudence

Upon completion of this course the student will:

- Have an understanding of the professional and ethical issues that are fundamental considerations of the health care practitioner in general.
- Have an understanding of the professional and ethical issues that are fundamental considerations for the practitioner of Oriental medicine in particular.

(12 hours, 1 credit)

## Oriental Dietetics

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

In this one-term class the student pursues the study of classification, combination, and preparation of medicinal foods. Upon completion of this course students should:

- Understand the rationale and clinical significance of Chinese dietetics.
- Understand the diagnostic parameters and theoretical applications of the therapeutic categories into which therapeutic food items are organized.
- Be acquainted with approximately 50 constituents in the categories covered.
- Be able to visually recognize food samples and identify them by their Chinese and Latin names, as well as know their categories and important clinical information.
- Be able to prepare the therapeutic meals learned in class and be able to educate others about how to make them.

• Be able to design a dietary treatment plan for selected disorders.  
(24 hours, 2 credits)

## Points Studies

Two terms of point location, by region of the body, including auricular points; followed by two terms each of point actions and point prescriptions.

### CCM 512/522 Points I-II: Point Location, Names and Categories

These courses focus on point location, Chinese names, and therapeutic categories of points. All 361 standard points on 14 channels are presented. The Chinese system of anatomical measurement is taught, and the points are reviewed by body region with emphasis on pronunciation, pinyin spelling, and translation of the classical names for the major points. This course is mostly hands-on, with an emphasis on finding and dotting the points on a partner.

(72 hours, 6 credit lectures)

### CCM 532 Points III: Point Actions

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.

(36 hours, 3 credits)

### CCM 612 Points IV: Point Combinations and Protocols

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.

(36 hours, 3 credits)

### CCM 622 Points V: Point Prescriptions

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.

(36 hours, 3 credits)

### CCM 632 Points VI: Case Analysis and Point Selection

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 the signs and symptoms of the patient, 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.

(36 hours, 3 credits)

## Qigong

Literally “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 and CCM 515 Qigong Practicum I

Upon completion of these courses students should be able to:

- Educate colleagues and patients about the development, principles, and clinical ramifications of Qigong therapy.
- Experience “qi” in their body and in nature.
- Practice the exercises Wind and Water Qigong (Feng Shui Gong) and Fire Dragon Qigong (Huolong Zhengjing Gong).

(24 hours, 2 credit)

### CCM 524 Qigong II and CCM 525 Qigong Practicum II

Upon completion of these courses students should be able to:

- Locate the major energy gates (men) and energy centers (dantian) of the human body on themselves and on others.
- Guide qi to key positions of their own body by way of mental control and supporting body postures.
- Perform various positions of the Horse Stance, and be able to relate the experiential effect of this exercise to meridian theory.
- Practice the exercises Opening the Gates (Tiandao Shenming Gong) and Triple Burner Qigong (Zhan Zhuang).

(24 hours, 2 credit)

**CCM 534 Qigong III and CCM 537 Qigong Practicum III**

Upon completion of these courses students should be able to:

- Integrate the medical concept of “strengthening the tendons” into their Qigong practice.
- Understand the medical concept of Taoist quiet meditation, traditionally referred to as “internal alchemy” (neidan).
- Design an individualized Qigong exercise plan for themselves, which includes varying amounts of both moving and quiet Qigong.
- Practice the preparatory stage of the first eight-segment exercise from the traditional Jinjing Gong School of therapeutic Qigong (Jinjian Gong).

(24 hours, 2 credit)

**CCM 614 Qigong IV and CCM 615 Qigong Practicum IV**

Upon completion of these courses students should be able to:

- Experience and integrate the various applications of qi work in one framework of practice, namely physical vitality and longevity, medical therapeutics, spirituality and mental acuity, and martial arts.
- Practice a basic form of Wudang Sword (Wudang Jian) and the Tiger Exercise (Laohu Gong).

(24 hours, 2 credit)

**CCM 624 Qigong V and CCM 625 Qigong Practicum V**

Upon completion of these courses students should be able to:

- Practice the second eight-segment exercise from the traditional Jinjing Gong School of therapeutic Qigong (Yin Yan Sheng Jiang Kai He Gong).

(24 hours, 2 credit)

**CCM 634 Qigong VI and CCM 636 Qigong Practicum VI**

Upon completion of these courses students should be able to:

- Practice the third eight-segment exercise from the traditional Jinjing Gong School of therapeutic Qigong (Jin Baduan, Mi Baduan).
- Practice the second stage of the Microcosmic Orbit (quiet Qigong).
- Design a therapeutic practice plan for chronic and recovering patients.

(24 hours, 2 credit)

**CCM 714 Qigong VII and CCM 716 Qigong Practicum VII**

Upon completion of these courses students should be able to:

- Understand and discuss the concept of external qi (waiqi).
- Have an advanced understanding of the concept of nourishing.
- Integrate separate Qigong modalities for therapeutic purposes, particularly body and finger postures (yin), mental focus on images and colors (shen), and vibrational sounds (zhou).
- Practice Qigong “massage” for selected disorders.

(24 hours, 2 credit)

**CCM 724 Qigong VIII and CCM 726 Qigong Practicum VIII**

Upon completion of these courses students should be able to:

- Practice Nine Palace Qigong (Jiu Gong Shen Gong).
- Integrate music into therapeutic Qigong.
- Experience a heightened sense of awareness at the center of their hands, leading up to the sensation of “exiting qi.”
- Practice Qigong “massage” for selected disorders.

(24 hours, 2 credit)

**CCM 734 Qigong IX and CCM 733 Qigong Practicum IX**

Upon completion of these courses students should be able to:

- Have an advanced understanding of the principles of external qi.
- Apply external qi therapy in selected circumstances.
- Practice Qigong “massage” for selected disorders.
- Practice the third stage of the Microcosmic Orbit.

(24 hours, 2 credit)



## **Teaching Qigong Series**

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

**CCM603E, CCM604E, CCM605E**

### **Teaching Medical Qigong I, II, III**

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 in the Qigong Certificate Program and concurrent enrollment in Qigong VII, VIII, and IX (24 hours, 2 credits per term, 3 terms)

**CCM703E, CCM704E, CCM705E**

### **Teaching Medical Qigong IV, V and VI**

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. (24 hours, 2 credits per term, 3 terms)

### **CCM999 Masters Thesis**

Research in Oriental Medicine. Preparation of a thesis, on an approved topic of Oriental medicine, supervised and reviewed by a faculty advisor who is part of the graduation committee. A thesis is a requirement for graduation.

Prerequisite: Clinic Intern status. (12 hours, 1 credit)

## **Review of Acupuncture and Chinese Herbs**

This course is offered Winter Quarter of the final year. It is 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 736 Acupuncture and Chinese Herbs Review**

This course highlights essential features of Oriental medicine in preparation for exams administered by national and state agencies in Acupuncture and Chinese herbology.

(24 hours, 2 credits)

## 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

Shiatsu I is the core of the Shiatsu series and is a prerequisite for Shiatsu II and III. 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 on a table; this form takes about an hour and a half to perform. 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.

(36 hrs, 1 credit)

### CCM 997E Shiatsu II, Shiatsu Stretches

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

Prerequisite: CCM 991 (36 hrs, 1 credit)

### CCM 998E Shiatsu III, Full Body, Long Form

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

Prerequisites: CCM 911/997 (36 hrs, 1 credit)

### CCM 801E-804E Shiatsu Clinic I-IV

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.  
(48 hours, 1 credit per term, 4 terms)

## 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.

### CCM 983/984E/985E Tai Ji I-III, Yang Style, Long Form

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, with Tai Ji II-III being electives. Although Tai Ji II-III are designed to be taken during the first year of the MSOM program as electives, they may be taken in any year of the program upon completion of prerequisites.

Prerequisite: each course in the series requires completion of the prior levels  
(12 hours lab, 0.33 credit, 3 terms)

### CCM 986E/987E/988E Tai Ji IV-VI

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  
(12 hours lab, 0.33 credit, 3 terms)





## 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

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 are the core of this class. A Japanese system of evaluating the channels called 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.

(24 hours, 0.66 credit)

### CCM 523 Tech II Adjunct Therapies

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.

(24 hours, 0.67 credit)

### CCM 533 Tech III Auricular Therapy

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.

(24 hours, 0.67 credit)

### CCM 613 Tech IV Acupuncture I

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 emphasis. 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 and soliciting feedback are important parts of the course. Following up on Tech III material, needling of the ear is taught.

(36 hours, 1 credit) The Clean Needle Technique course offered by NCCAOM is also required.

### CCM 623 Tech V Acupuncture II

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.

(36 hours, 1 credit)

### CCM 633 Tech VI Acupuncture III

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.

(36 hours, 1 credit)

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

## 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. This series of six courses trains the student to think using the principles of Chinese medicine and its cosmology, philosophy, and protocols.

### CCM 510 Theory I

Upon completion of this course students should be able to:

- Understand the historic background and the fundamental principles of traditional Chinese thought that underlie all Oriental medical theories and procedures.
- Conceptually apply the ideas of holism and complexity (tian-di-ren), dynamism and inter-relatedness (bagua), energetic dualism (yin-yang), matter/spirit transformation (jing-qi-shen), and the patterned expression of organ systems (zang-xiang) in an everyday context and relate these ancient concepts to the quantum cosmology of modern physics and useful insights from other contemporary sciences.
- Critically read through the introductory literature of the field.  
(36 hours, 3 credits)

### CCM 520 Theory II

Upon completion of this course students should be able to:

- Conceptualize the fundamental physiology and pathology of the traditional Chinese body landscape.
- Apply the functions of the five zang and the six fu organs, the eight diagnostic parameters, the seven detrimental emotions, and the basic disease patterns of the organ networks in a classroom setting.  
(36 hours, 3 credits)

### CCM 535 Theory IIIA

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.

(24 hours, 2 credits)

### CCM 536 Theory IIIB

Upon completion of this course students should be able to conduct the basic diagnostic procedures of Chinese medicine, including visual inspection, listening and smelling, asking questions, and palpation.

(24 hours, 2 credits)

### CCM 611/621 Theory IV-V

One term is an introduction to the differential pathology of the clinically most pertinent traditional diseases; one term covers the assessment of modern diseases from a traditional perspective. Upon completion of these courses, students should:

- Be familiar with the 49 major disease classifications of Chinese medicine and be able to recognize these diseases in a modern clinical setting.
- Be able to differentiate the various energetic patterns that are the underlying cause for the 28 traditional diseases that are most relevant in a modern clinical setting.
- Be able to design differential treatment plans for the disorders in question.

(72 hours, 6 credits)

### CCM 711 Theory VI

An advanced introduction to the basic diagnostic and therapeutic principles of Chinese medicine by reading and discussing the most important classical texts. Upon completion, students should:

- Know the major texts of classical Chinese medicine and their authors by name and be able to discuss the principles laid out in the most important treatises.
- Have a more advanced understanding of the diagnostic Six Confirmation approach (first laid out in the Shanghan Lun) and be able to utilize it side by side with the Five Organ Network approach in clinical practice.
- Be able to integrate all theoretical and clinical principles learned so far in an historical context.
- Be able to critically evaluate clinical treatment recommendations as the product of the respective author's training in a particular school of Chinese medicine and thus be able to utilize published case studies as a reference rather than a "cookbook."

(36 hours, 3 credits)



## Traditional Mentorship Tutorial

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

### CCM 600/700 Traditional Mentorship Tutorial I-II

Upon completion of these “by-arrangement” courses with approved faculty, students will:

- Gain a deepening insight into the basic theory, diagnostic parameters, and modalities of Chinese medicine.
- Be able to understand and describe the relationship between Chinese culture and Chinese medicine.
- Be able to convey to others the highly individualized character of all advanced aspects of Chinese medicine teaching.
- Understand and apply the concept of differential diagnosis with an increased degree of confidence.

(48 hours, 1.33 credits)

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 436 – Microbiology and Public Health

### Clinical Nutrition

- NUT 530/610 – Nutrition I, II

### 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 – Skills of Communication
- 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

## Clinical Training

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 execution of the technical skills required to effectively apply treatments in Chinese medicine.

Preparation for entry into 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 prerequisite completion of all 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 in 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.

### CCM 800/810/820/830/831/832

#### Clinical Observation I-VI

Clinic rounds in which 4-5 observers watch a practitioner in session with a client. While observing, the objective is to absorb as much as possible of the method and process of clinical practice.

(288 hours, 6 credits)

### CCM 936 Medicinary Practicum

During the observation year each student spends 24 hours working in the Chinese Medicine Medicinary. Under the supervision of Clinical faculty, observers learn to fill prescriptions for patients that are crafted by interns and supervisors. Almost all formulae are compounded from scratch using bulk herbs and granules. The medicinary also stocks single herb liquid extracts. The student learns the mechanics of medicinary and clinic procedure and obtains hands on exposure to formula composition and modification, learns about dosage, and becomes more intimate with the individual herbs, especially their appearance, smell and taste.

(24 hours, .5 credits)

### CCM 702/712 Clinical Theater I-II

Clinical theater is a clinical classroom in which master practitioners/supervisors interview and treat specifically selected patients who are suffering from a particular chronic disease, and where the discussion of the particular case expands into a broad analysis of general approaches to the disorders in question.

(72 hours, 1.5 credits)

### CCM 900-902/910-912/920-922/930-934

#### Clinical Internship I-XIV

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.

(648 hours, 13.5 credits)

### CCM 715/725/735 Clinical Case Presentation I-III

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

(72 hours, 1.5 credits)

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

Study Year		Clinical Component	# Hours	Brief Description
<u>MSOM</u>	<u>MSOM/ND</u>			
2 <sup>nd</sup> - 3 <sup>rd</sup>	4 <sup>th</sup> and 5 <sup>th</sup>	Observation I-VI	288	Observe experienced practitioners treat patients
2 <sup>nd</sup> - 3 <sup>rd</sup>	4 <sup>th</sup> or 5 <sup>th</sup>	Medicinary Practicum	24	Fill herbal prescriptions for practitioners
4 <sup>th</sup>	6 <sup>th</sup>	Theater I-II	72	Observe and discuss treatment of difficult diseases
4 <sup>th</sup>	6 <sup>th</sup>	Internship I-XIV	648	Student (under supervision) assumes primary responsibility for diagnosis and treatment of patients
4 <sup>th</sup>	6 <sup>th</sup>	Presentation I-III	72	Presentation and discussion of cases with peers and supervisors
		<b>TOTAL</b>	<b>1104</b>	

## MSOM Certificate Programs

The Classical Chinese Medicine Department offers certificate programs in Qigong and Shiatsu. Prerequisites for admission requirements into our Certificate Program are the same as for admission into the MSOM program and require completion of the formal admissions process described within the admissions section of the catalog. Tuition for these programs is on a per credit basis.

The Medical Qigong Certificate is a part-time, three-year program designed for medical practitioners and could be completed concurrently with the ND degree. In addition to Theory I-III, the student completes all coursework within the Qigong Series and the Teaching Qigong Series.

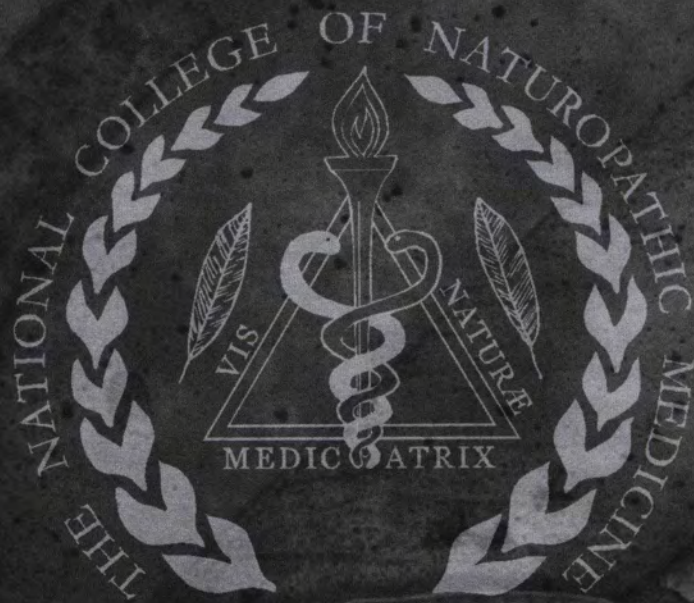
ND and MSOM students in good academic standing may apply for admission into the Shiatsu Certificate Program. This part-time program is two years in length and includes Shiatsu I-III and Shiatsu Clinic I-IV.

Due to space constraints, admission into the Certificate Programs is limited. The Certificate Programs are not degree programs and do not lead to eligibility to sit for licensure exams.

## Dual Degree Program

National College of Naturopathic Medicine ND students who have met the prerequisites for the MSOM program and are in good academic standing may apply for admission into the MSOM program by following the admissions procedures described in the Admissions section of the catalog. If accepted into the MSOM program, the dual degree student would concurrently complete both the ND and the MSOM in a 6-year combined program. See the Office of Admissions and/or the Office of Academic Affairs for additional information.





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## Alumni Contacts

NCNM has a network of over 1200 alumni across the U.S. and Canada and in several other countries. Our alumni are dedicated physicians or acupuncturists who treat thousands of patients each year. Many are the “movers and shakers” of the profession. 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 503.552.1909 for information.

## Visiting Campus

No amount of written information can fully convey what it is like to be a student at National College of Naturopathic Medicine. Certainly, visiting NCNM's web site ([www.ncnm.edu](http://www.ncnm.edu)) and telephone contact (503.552.1660) are great ways to get acquainted with NCNM. However, the best way to explore a future with NCNM is to visit campus through the Student for a Day Program or to arrange an individual campus visit.

### Campus Visits

If a Student for a Day program does not fit into your schedule, individual visits are welcomed. Please call at least two weeks prior to your visit. This allows us to help you make your time with us as productive and informative as possible. 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.

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.

Additionally, visitors are invited to visit the NCNM Natural Health Centers, our main teaching clinics located in downtown and Northwest Portland. As these are patient facilities, it is especially important that arrangements are made prior to your visit so patient service is not disrupted.

## Student for a Day Programs

Student for a Day programs provide the most complete and succinct campus visit opportunities. Student for a Day has become a tradition at National College of Naturopathic Medicine. The Office of Admissions cordially invites you to attend one of our day programs to learn more about our curricula, meet members of the NCNM family, and explore careers in naturopathic and classical Chinese medicine. At a Student for a Day program, you will:

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

Student for a Day programs are scheduled throughout the year. Our next scheduled dates are as follows:

- Friday August 16, 2002
- Friday, October 11, 2002
- Friday, November 15, 2002
- Friday, January 24, 2003
- Friday, March 14, 2003
- Friday, May 2, 2003
- Friday, July 18, 2003

Contact the Office of Admissions to sign up at 503.552.1660.

# Organization and Governance



NCNM is a nonprofit 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. The day-to-day operations of NCNM are performed by the President, staff, faculty, and administration.

## Board of Directors

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## General Administration

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*Catherine Downey, ND*  
Associate Dean of Clinical Education for Classical Chinese Medicine  
*Tamara Staudt, ND, MSOM*  
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*Heiner Fruehauf, PhD*  
Clinical Sciences Department Chair  
*Richard Barrett, ND*  
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*Steven Sandberg-Lewis, ND*

Homeopathy Department Chair  
*Will Taylor, MD\**  
Mind/Body Medicine Department Chair  
*Greg Garcia, ND*  
Nutrition Department Chair  
*Jeremy Appleton, ND*  
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*Mary Grabowska, ND*  
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*David Russ, DC*  
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Librarian *Friedhelm Kirchfeld, MLS*  
Librarian Assistant *Denis Brunke*

### Business Office

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Human Resources Assistant *Steve Johnson*  
Payroll and Benefits Specialist *Barbara Adams*  
Student Transactions *Pattee Anderson*  
Accounts Payable Specialist *Lacy Jacobsen*  
Bookstore Manager *Kathy Duerr*  
Bookstore Assistant *Jennifer Ortega*

### Campus Support Services Department

Chief Campus Support Services Officer  
*Glenn A. Taylor, MSFS*  
Technology Services Manager *David Hunter*  
Technology Services *Cory Carr*  
Technology Services *Steve Fong*  
Physical Plant Manager *Brian Ledbury*  
Shipping/ Receiving Coordinator *Tom Toomey*

### Classical Chinese Medicine

Dean of Classical Chinese Medicine  
*Andrea Smith, MA*  
Department Chair *Heiner Fruehauf, PhD*  
Assistant to Dean of Classical Chinese Medicine  
*Melissa Messina*  
Director of Accreditation *Laurie McGrath*  
Faculty Advisor *Jim Cleaver, LAc*



## Classical Chinese Medicine Clinic, Natural Health Centers

Associate Dean of Clinical Education  
for Classical Chinese Medicine  
*Tamara Staudt, ND, MSOM*

CCM Chief of Staff *Rihui Long*  
CCM Medicinary Manager *Felicia Ferruzza*  
Front Desk Manager *Charmaine Price*

## Department of Institutional Advancement

Director of Advancement *Susan Hunter*

## NCNM Natural Health Centers

Chief Medical Officer *Chris D. Meletis, ND*  
Associate Dean of Clinical Education and  
Director of Graduate Medical Education  
*Catherine Downey, ND*

Administrative Assistant to Dean of  
Naturopathic Medicine Affairs *Paula Cheek*  
Clinical and Graduate Medical Education  
Supervisor *Carole DeMar*

Laboratory Director *Rita Bettenburg, ND*  
Laboratory Co-Director *Sally Swan*  
Medicinary Medical Advisor *Nancy Scarlett, ND*  
Medicinary Manager *Catherine Magasich*  
Clinic Administrator *Ruth Aguello*

## Research Office

Director of Research *Heather Zwickey, PhD*  
Administrative Assistant to Director of  
Research *Matsya Foisy*  
Clinical Research Associate *Kelly Reis*

## Student Affairs

Dean of Student Affairs *TBD*  
Student Services Coordinator and Assistant to  
the Dean of Students *Bethany Ebersole*  
Director of Admissions *Phil Reid, MEd*  
Enrollment Services Counselor  
*Anna Lewis, MEd*  
Enrollment Services Counselor *Erin Sutherland*  
Office of Admissions Coordinator *Cynthia Cool*  
Director of Financial Aid *Larrie Radford*  
Financial Aid Counselor *Linda Anderson*  
Registrar *Kelly R. Garey*  
Associate Registrar of Clinical Education  
*Angela Gaia*  
Student Records Specialist *Stephen Smith*

## NCNM Faculty

— Full-time and Administrative Faculty —

### Richard Barrett

Associate Professor, Clinical Sciences Department  
Chair (clinical education, physical diagnosis lab,  
EENT); ND, National College of Naturopathic  
Medicine, 1986.

### Rita Bettenburg

Associate Professor (clinical education, clinical/  
physical diagnosis, pediatrics); ND, National  
College of Naturopathic Medicine, 1989.

### John Brons

Associate Professor, Basic Sciences Department  
Chair (musculoskeletal anatomy, organ systems,  
anatomy lab, basic science clinical correlate); PhD,  
UCLA, 1978; MAcOM, Oregon College Oriental  
Medicine, 1993.

### Dan Carter

Assistant Professor (clinical education, lab  
diagnosis); MS, University of Utah, 1972; ND,  
National College of Naturopathic Medicine, 1994.

### Jim Cleaver

Instructor (points location, techniques, shiatsu, tai  
ji, acupuncture and herb review, Chinese medical  
terminology, clinical theater).

### Catherine Downey

Associate Dean of Clinical and Graduate Medical  
Education, Associate Professor (clinical education,  
geriatrics); ND, National College of Naturopathic  
Medicine, 1979.

### Heiner Fruehauf

Classical Chinese Medicine Department Chair,  
Professor (theory, herbs, Qigong, acupuncture and  
herb review, traditional mentorship, clinical theater);  
MA, University of Chicago, Chicago, IL, 1986;  
PhD, University of Chicago, 1990.

### Gregory Garcia

Assistant Professor, Mind/Body Medicine  
Department Chair (clinical education, physical  
diagnosis lab, doctor/patient relations, medical  
ethics); ND, National College of Naturopathic  
Medicine, 1988; MAcOM, Oregon College  
of Oriental Medicine, 2000.

### Guru Sandesh Singh Khalsa

President (Interim), Chief Academic Officer,  
Professor (endocrinology); ND, National College  
of Naturopathic Medicine, 1978.

### Friedhelm Kirchfeld

Instructor (Librarian); MLS, Graduate School of  
Librarianship, University of Denver, 1975.

### Mengke Kou

Instructor (clinical education, traditional mentorship  
tutorial, clinical theater, clinical case presentation);  
Master of Medicine, Chengdu University of TCM,  
Chengdu, China, 1989.

### Dohn Kruschwitz

Associate Professor (clinical case presentation,  
clinical education, minor surgery, urology); MD,  
University of Iowa College of Medicine, 1966; ND,  
National College of Naturopathic Medicine, 1997.

### Rihui Long

Classical Chinese Medicine Chief of Staff, Instructor  
(theory, traditional mentorship tutorial, classical case  
studies, clinical theater); Master of Medicine,  
Chengdu University of TCM, Chengdu, China,  
1984.

### Chris D. Meletis

Dean of Naturopathic Medicine, Chief Medical  
Officer, Assistant Professor (natural pharmacology,  
medicinary practicum); ND, National College of  
Naturopathic Medicine, 1992.

### Judy Peabody

Assistant Professor (clinical education, clinical case  
presentation); ND, National College of  
Naturopathic Medicine, 1988.

### Youping Qin

Instructor (points location, techniques, case  
presentation, classical case studies, clinical theater,  
clinical education); Master of Medicine, Chengdu  
University of TCM, Chengdu, China, 1999

### David B. Russ

Assistant Professor, Physical Medicine Department  
Chair (naturopathic manipulative therapeutics,  
palpation, office orthopedics, ); DC, New York  
Chiropractic College, 1998.

### Steven Sandberg-Lewis

Professor, Diagnostic Sciences Department Chair  
(pathology, gastroenterology, clinical education,  
advanced clinical case presentation, liver elective);  
ND, National College of Naturopathic Medicine,  
1978.

**Richard J. Severson**

Instructor, (Head Librarian); PhD, University of Iowa, 1990; MA, University of Iowa, 1992.

**Tamara Staudt**

Associate Dean of Clinical Education for Classical Chinese Medicine (Qigong, mentorship tutorial); ND, MSOM National College of Naturopathic Medicine, 1998.

**Will Taylor**

Associate Professor, Homeopathy Department Chair (clinic education, homeopathy); M.D., University of Vermont College of Medicine, 1983.

**Dickson Thom**

Associate Professor (clinical education, clinical case presentation, clinical/physical diagnosis, neurology); DDS, University of Toronto, 1974; ND, National College of Naturopathic Medicine, 1989.

**Robert Wilson**

Assistant Professor, Public Health and Emergency Medicine Department Chair (clinical education, emergency medicine and first aid, minor surgery); MS, Michigan Technological University, 1972; ND, National College of Naturopathic Medicine, 1993.

**Kimberley Windstar**

Assistant Professor, (clinical education, gynecology lab, clinical case presentation); MEd, California State College, 1982; ND, National College of Naturopathic Medicine, 1991.

**Zhongxian Wu**

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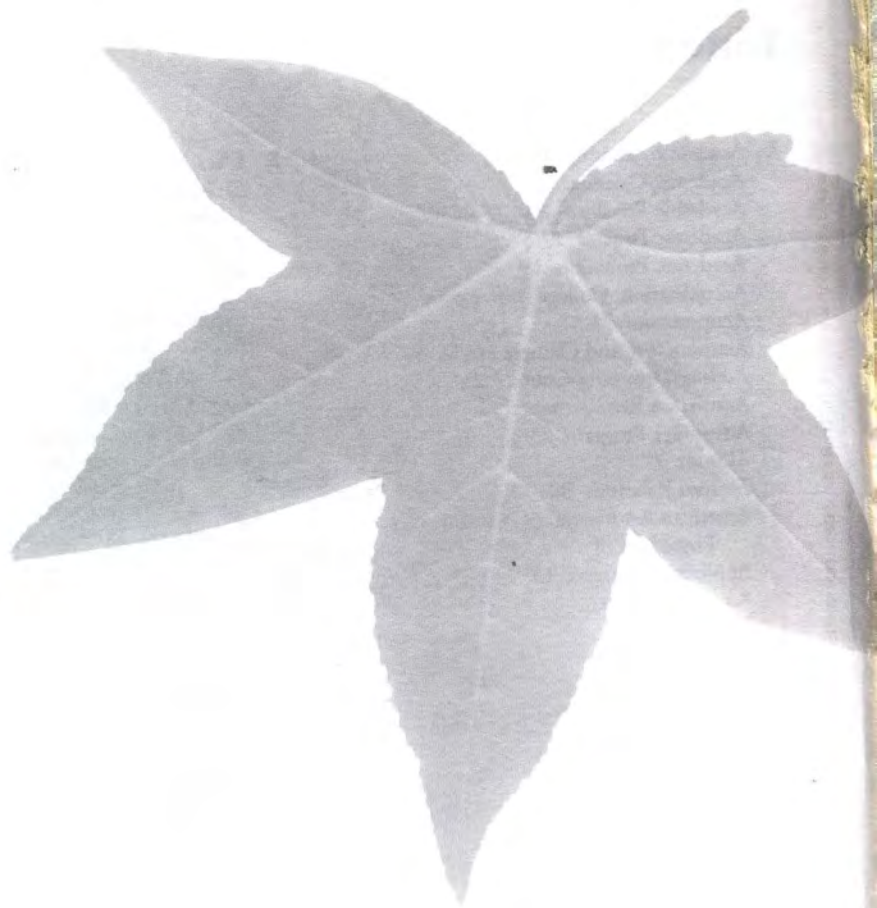
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### From I-5 Southbound

As you cross the Marquam Bridge, follow signs to I-405, (the left fork indicating Beaverton). Take the 4<sup>th</sup> Avenue Exit, 1B. Turn right on Lincoln. Turn right onto 1<sup>st</sup> Avenue. Turn left onto Arthur, stay in left lane. Go under the overpass. Turn right on Porter. Turn right into second driveway.

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