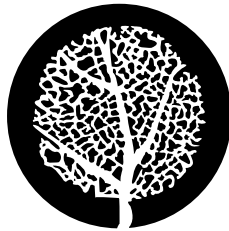


# Canadian College of Naturopathic Medicine



ccnm

CANADIAN COLLEGE OF  
NATUROPATHIC MEDICINE

Academic Calendar  
2009/2010

# Contact Info

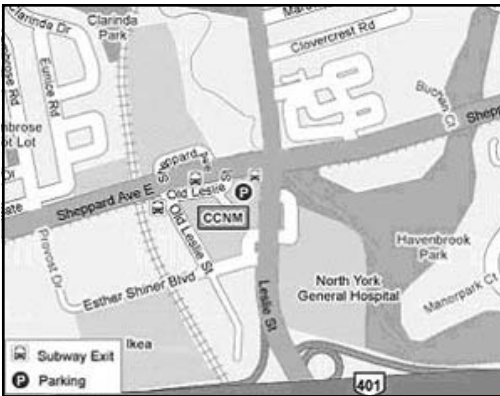
Call **416-498-1255** or **1-866-241-2266** to access:

## **Admissions and Financial Aid** (ext. 245)

- Program information, admission procedures, or the date of our next information session.
- Information on government loans, CCNM scholarships and bursaries.

## **Registrar** (ext. 248)

## **Student Residence Coordinator** (ext. 330)



## **Mailing Address**

1255 Sheppard Avenue East  
Toronto, Ontario, Canada M2K 1E2

**Email:** [info@ccnm.edu](mailto:info@ccnm.edu)

**Fax:** 416-498-1643

Enter off Sheppard Ave. East or Old Leslie Street

The Canadian College of Naturopathic Medicine, established in 1978, offers an accredited four-year, full-time professional program in naturopathic medicine. Graduates receive a Doctor of Naturopathic Medicine (ND) diploma. The naturopathic medicine program is accredited by the Council on Naturopathic Medical Education (CNME), the accrediting agency for naturopathic colleges and programs in North America.

Visit us online at **[www.ccnm.edu](http://www.ccnm.edu)**

All information, policies, rules, regulations and procedures in this calendar are subject to change without notice.

# Contents

President's Message .....	4
Naturopathic Doctor's Oath .....	6
Year-at-a-Glance .....	7
Mission Statement .....	8
Naturopathic Medicine at CCNM .....	9
How to Apply .....	13
Fees and Financial Policies .....	21
Financial Assistance .....	25
Registrar .....	32
Code of Student Conduct .....	33
Academic Policies .....	34
Campus Facilities .....	36
Learning Resources Centre .....	38
Student Residence .....	40
Doctor of Naturopathic Medicine Diploma Program Objectives .....	41
Course Listing .....	45
Course Descriptions .....	48
Prerequisite Sciences .....	60
Continuing Education .....	64
Overview of Registration and Licensure .....	65
Board of Governors .....	68
Institute of Naturopathic Education and Research .....	69
Privacy Policy .....	70
Faculty .....	72

# A Message from the President



Each of us faces several significant junctures in our lives, consisting of choices leading to fundamentally different futures. The choice to enter a profession is a decision of this nature.

Naturopathic medicine is founded on the principle of healing through the co-operative power of nature. It involves harnessing science to unleash this healing power of nature.

Individuals who choose to practice as naturopathic doctors pledge to “encourage others to strengthen their health, reduce risks for disease and preserve the health of our planet for ourselves and future generations.” The focus is on promoting health, not on alleviating symptoms. To address the fundamental causes of disease, to heal the whole person through individualized treatment, to teach the principles of healthy living and preventative medicine—these are among the principles that underpin the profession.

If you are the type of individual who views the healing of others as a calling, you exhibit a quality that the Canadian College of Naturopathic Medicine (CCNM) values in its students. You do not simply want to enter a profession; you are answering a calling that will lead to greater fulfillment in your life.

My time at CCNM has been one of the most fulfilling periods of my life. I have been impressed by the high quality of our student body. The students are bright, energetic and extremely dedicated. The faculty have impressive credentials and experience and are strongly committed to teaching others the path to promoting health. The staff is dedicated to ensuring that the educational environment is of high quality and the student experiences are positive. In short, I have encountered a team that works together to ensure that CCNM graduates individuals who are well prepared for their roles as naturopathic doctors, and that the College is highly valued by the profession for the leadership it exhibits.

CCNM is a very special place. Our small student body (approximately 500) and self-contained campus allows for an intensity of interaction that fosters life-long friendships. The Robert Schad Naturopathic Clinic is the best-equipped naturopathic medical education clinic in North America, with over 40 examination rooms. The 4.3 acre campus, with its treed courtyard and herb garden, provides a very special atmosphere, while sitting adjacent to a subway entrance.

As you read through the pages that follow, reflect upon your decision with care. The path that you are considering is not an easy one. The doctor of naturopathic medicine program is extremely intense. The first year involves a comprehensive examination of the biomedical sciences that underlie the study of medicine. The second and third years focus increasingly on the clinical sciences and the modalities that constitute the tools of the profession. The fourth year is spent largely in clinical practice under the supervision of registered NDs.

If you choose to become a practicing ND, you will be entering an interesting and complex profession that has a long tradition as well as a current rate of growth and development that is dramatic. You are joining an entity much greater than the sum of its parts. Reflecting the ethics and values of the profession, naturopathic doctors have developed a set of principles that enshrine the safe use of natural methods and substances to support and stimulate the body's self-healing processes. These principles underpin a complete, individualized and coordinated approach to health care that integrates modern scientific knowledge with traditional and natural forms of medicine. You will learn to embrace the principles of naturopathic medicine as a foundation for your practice and your life.

Are you being called? Do you have the drive and ability that will allow you to excel in an intensive program of study? If so, I look forward to welcoming you into the Canadian College of Naturopathic Medicine.

A handwritten signature in black ink, appearing to read 'Bob Bernhardt', written in a cursive style.

Bob Bernhardt, B.Sc., LL.M., M.Ed., PhD  
President/CEO

# Naturopathic Doctor's Oath

I dedicate myself to the service of humanity as a practitioner of the art and science of naturopathic medicine.

By precept, education and example, I will assist and encourage others to strengthen their health, reduce risks for disease, and preserve the health of our planet for ourselves and future generations. I will continually endeavour to improve my abilities. I will conduct my life and practice of naturopathic medicine with integrity and freedom from prejudice. I will keep confident what should not be divulged.

I will honour the principles of naturopathic medicine:

- First, to do no harm.

- To co-operate with the healing power of nature.

- To address the fundamental causes of disease.

- To heal the whole person through individualized treatment.

- To teach the principles of healthy living and preventive medicine.

With my whole heart, before these witnesses, as a Doctor of Naturopathic Medicine, I pledge to remain true to this oath.

# Year-at-a-Glance

## 2009

September 7	Labour Day, CCNM closed (clinic closed Sept. 5 & 7)
September 8	First term classes begin (September intake Year 1 and Years 2, 3 & 4)
September 11	Deadline to apply for advanced standing (September intake and Years 2, 3 & 4)
September 18	StudentCare.net NSA Health Plan opt-out/enrolment period ends (September intake Year 1 and Years 2, 3 & 4)
October 12	Thanksgiving, CCNM closed (clinic closed Oct. 10 & 12)
October 16	Last day to drop fall term courses without academic penalty
December 11	First term classes end (September intake Year 1 & Years 2, 3)
December 14 – 24	Exam period (September intake Year 1 & Years 2, 3)
December 25 – 31	CCNM closed (clinic closed Dec. 24 – 31)

## 2010

January 1	New Year's Day, CCNM closed (clinic closed Jan. 1 & 2)
January 4	CCNM and clinic open
January 4	New student (January intake) orientation
January 4	Second term classes begin (September intake Year 1 and Years 2, 3 & 4)
January 4	First term classes begin (January intake)
January 4 – 18	StudentCare.net NSA Health Plan opt-out/enrolment period (January intake Year 1)
January 8	Last day to drop full year courses without academic penalty
January 8	Last day to apply for advanced standing (January intake)
January 29	Application deadline: Naturopathic Doctor Program, September 2010 intake
February 15	Family Day, CCNM closed (clinic closed Feb. 13 & 15)
February 15 – 19	Reading week (September intake Year 1 & Years 2, 3) Clinic open Feb. 16 – 20
February 26	Last day to drop winter term courses without academic penalty
April 2	Good Friday, CCNM closed (clinic closed April 2 & 3)
April 9	First term classes end (January intake)
April 12 – 23	Exam period (January intake)
April 19 – 30	Exam period (September intake Year 1 & Years 2, 3)
April 26 – 30	Reading week (January intake)
April 16	Second term classes end (September intake Year 1 & Years 2, 3)
May 3	Second term classes begin (January intake)
May 7	Last day to drop full year courses without academic penalty (January intake)
May 3 – 11	Clinic closed
May 10 – 11	Intern orientation
May 24	Victoria Day, CCNM closed (clinic closed May 22 & 24)
May 28	Convocation (clinic closed)
May 31	Application deadline: Naturopathic Doctor Program, January 2011 intake
June 18	Last day to drop spring term courses without academic penalty (January intake)
July 1	Canada Day, CCNM closed (clinic closed)
August 2	Civic Holiday, CCNM closed (clinic closed July 31 & Aug. 2)
August 6	Second term classes end (January intake)
August 9 – 20	Exam period (January intake)

# Mission Statement

The Canadian College of Naturopathic Medicine educates, develops and trains naturopathic doctors through excellence in health education, clinical services and research that integrate mind, body and spirit.

## **Vision Statement**

To lead the development of primary health care through education and research in naturopathic medicine.

## **Ends Statements**

The CCNM Board of Governors will promote the following five “ends”:

### **1. Excellence in Education**

Educate NDs on the basis of clear and focused curriculum, delivered by the most competent faculty, and graduate high quality NDs.

### **2. High Quality Clinical Services**

Provide high quality naturopathic care in a clinical setting, resulting in positive educational experiences for students and positive outcomes for patients and clients.

### **3. A Culture of Research**

Contribute to a body of research, by fostering the research skills of students and having research conducted by faculty, graduates and naturopathic researchers, in areas where NDs have the greatest impact and value.

### **4. Prominent National Profile**

Increase the awareness and respect of the College among the profession, other health practitioners, government and the public.

### **5. Change Agent**

Foster positive change in our health, our environment, and our health-care system through the promotion of the principles and practices of naturopathic medicine.

# Naturopathic Medicine at CCNM

More than ever, people across North America are seeking natural ways to sustain and improve their health. Naturopathic medicine is a distinct system of primary care that addresses the root cause of illness or disease and promotes health and healing using natural therapies. Naturopathic doctors (NDs) are highly educated primary care providers who integrate standard medical diagnostics with a broad range of natural therapies.

NDs are trained to provide a wide range of individual, family and community health services to people of all ages. The naturopathic doctor emphasizes the patient's responsibility towards personal health and well being, and presents a holistic approach to individualized health care. A combination of therapies is used, including:

- Asian medicine/acupuncture
- botanical medicine
- clinical nutrition
- homeopathic medicine
- physical medicine
- health psychology and lifestyle counselling

A pioneer in Canadian naturopathic education, the Canadian College of Naturopathic Medicine first opened its doors in 1978 (as the Ontario College of Naturopathic Medicine in Kitchener). By 1983 the College was offering Canada's first four-year, full-time professional program in naturopathic medicine. In 1984 CCNM relocated to Toronto, where it has continued to grow, educating students from across Canada and around the world.

## **CCNM educates the profession**

Through excellence in health education, clinical services and research that integrate mind, body and spirit, the Canadian College of Naturopathic Medicine program graduates primary care doctors accomplished in the art and practice of naturopathic medicine.

CCNM is fully accredited by the Council on Naturopathic Medical Education (CNME). Accordingly, CCNM's program standards are held in high regard: they ensure that the education and training students receive equips them to practice the full scope of naturopathic medicine in the province of Ontario and other regulated and licensed jurisdictions across North America. The ND program is broadly composed of three main areas of study: the biomedical sciences, the clinical sciences, and the art and practice of naturopathic medicine.

For more information about the accreditation standards of the CNME, visit [www.cnme.org](http://www.cnme.org), and for more information about CCNM's naturopathic medicine program, visit [www.ccnm.edu](http://www.ccnm.edu).

## **CCNM's campus and facilities provide a positive learning environment**

CCNM's 4.3-acre campus is located in Toronto and includes an on-site 200-bed residence, modern classrooms, a well-equipped learning resources centre, a

248-seat lecture theatre, a healthy-foods cafeteria serviced by Camros Organic Eatery and a bookstore/dispensary. The campus is also home to the Robert Schad Naturopathic Clinic, Canada's largest naturopathic teaching clinic.

The campus is easily accessed by public transit and is just steps from the Leslie subway station. Several bus routes also service the campus. Two major highways (401 and 404) provide convenient access by car.

North York General Hospital is located across the street. There are walking and cycling trails in the nearby East Don Parkland.

### **The Robert Schad Naturopathic Clinic offers unsurpassed clinical training**

Clinical experience is a key component of the education provided at CCNM. Clinical training provides students with hands-on learning experiences with patients, allowing them to apply their academic knowledge while further developing the skills necessary to become competent and caring naturopathic doctors.

The Robert Schad Naturopathic Clinic (RSNC), CCNM's on-site teaching clinic, is Canada's largest natural health clinic. Students are trained under the direction of a team of dedicated naturopathic doctors who are regulated by the Province of Ontario. In addition, the College operates five external satellite clinics where students provide care to a diverse range of patients, including people living with HIV/AIDS, First Nations people, the elderly and people with physical disabilities.

Students are introduced to the clinic in their first year in an observation role with naturopathic doctors in the RSNC. During the second and third year of the program, students observe with clinical supervisors and assist fourth-year interns in the RSNC and its satellite teaching clinics, by taking a progressively more interactive role as they improve their skills in physical examination, medical history taking, differential diagnosis, case analysis and development of treatment plans.

In the fourth year of the program, students take an active, primary role in patient care under the supervision of clinical faculty. As interns, they enhance and refine their diagnostic skills and competency in all the core naturopathic modalities. Through the optional externship program, students gain valuable clinical experience while working as an intern in the office of a Canadian community-based naturopathic doctor.

### **The Learning Resources Centre is an extensive source of information**

The Learning Resources Centre is regarded as one of Canada's finest natural medicine information facilities. The Essiac® botanical medicine collection, established in 1998 through a generous donation from Essiac® International, is becoming the most comprehensive collection of its kind in North America.

### **CCNM conducts groundbreaking complementary research**

The past few years have seen a dramatic transformation in the work conducted by the Department of Research and Clinical Epidemiology, with the College advancing as one of Canada's premier institutions in the application of clinical research to the modalities of naturopathic medicine. The department continues to focus on high quality synthesis research while conducting an increasing number of clinical trials.

This ongoing work is helping to meet the goals of fostering a culture of research, building the on the evidence base of naturopathic medicine and better understanding the approaches that work best.

Current clinical research projects include: the use of melatonin in lung cancer patients; the use of cinnamon and cassia bark for type 2 diabetes; the use of a nutritional supplement for children with ADHD; and a whole systems approach employing naturopathic medicine to reduce overall risk of cardiovascular disease. For further information on these projects and on published papers by research faculty, please see the research section of the CCNM website at [www.ccnm.edu](http://www.ccnm.edu).

### **CCNM's curriculum meets the needs of tomorrow's profession**

The curriculum in the first year of the naturopathic program concentrates on the bio-medical sciences and also introduces students to naturopathic philosophy. The second year focuses on the clinical sciences and on developing diagnostic skills, concentrating on the pathology of the human body. In the third year, students develop specific treatment skills in the management of various disorders, and they begin to apply these skills in a clinical setting. In the fourth year, students concentrate on managing patients through rotations in each of the naturopathic treatment modalities. Students who have successfully completed all academic and clinic requirements receive the doctor of naturopathic medicine diploma and are eligible to write the national professional licensing board exams.

### **CCNM's student body is dynamic and involved**

Each year, the CCNM student body elects representatives to carry out the work of the Naturopathic Students' Association (NSA). In addition to its academic and clinical liaison role, the NSA funds a variety of clubs. Examples of activities and clubs that students can get involved with are: karate, running, tai chi, Toastmasters, yoga, ball hockey, dance, meditation and belly dancing.

Students also organize many events throughout the year, including Orientation Week, the Unity Summit, Consciousness Week, the Annual Formal, Women's and Men's Health Awareness Weeks, Naturopathic Café (talent night) and V-Day.

### **CCNM Press educates professionals and the public**

CCNM Press publishes college texts, clinical reference materials and consumer health books in the field of naturopathic medicine. The materials published further the advancement of the profession and promote the principles of healthy living and preventative health care. Recent titles include *Principles and Practices of Naturopathic Nutrition* by Jonathan Prousky, ND, *Naturopathic Standards of Primary Care* by Shehab El-Hashemy, ND, and *An Introduction to Principles and Practices of Naturopathic Medicine* by Fraser Smith, ND. For more information, visit [www.ccnmpress.com](http://www.ccnmpress.com).

### **Interested in learning more?**

CCNM regularly hosts information events, both on and off campus, that give potential students an opportunity to learn more about the ND program. These info sessions and "Discover CCNM" events are presented throughout the year. For more information on upcoming events, please contact the recruitment office at 416-498-1255 ext. 245, by e-mail at [info@ccnm.edu](mailto:info@ccnm.edu), or visit the website at [www.ccnm.edu](http://www.ccnm.edu).

# Statement on Human Rights

The Canadian College of Naturopathic Medicine works to ensure that the principles of the *Ontario Human Rights Code* and the *Canadian Charter of Rights and Freedoms* are reflected in our dealings with all of our constituents. The *Ontario Human Rights Code* states:

*Every person has a right to equal treatment with respect to services, goods and facilities, without discrimination because of race, ancestry, place of origin, colour, ethnic origin, citizenship, creed, sex, sexual orientation, age, marital status, family status, or disability.*

# How to Apply

Admission requirements may be subject to change at any time without notice. For current information, please contact Student Services.

Application forms may be downloaded from the website at [www.ccnm.edu](http://www.ccnm.edu).

**Please direct all inquiries to:** Student Services Department  
Canadian College of Naturopathic Medicine  
1255 Sheppard Avenue East  
Toronto, Ontario, Canada M2K 1E2  
Tel: 416-498-1255/1-866-241-2266 ext. 245  
Fax: 416-498-3197  
E-mail: [info@ccnm.edu](mailto:info@ccnm.edu)

## Priority Application Dates

Program	Application Deadlines
Naturopathic Doctor (ND) Program September 2010 intake	January 29, 2010
Naturopathic Doctor (ND) Program January 2011 intake	May 31, 2010

Note:

1. Possessing the minimum admission requirements published herein does not guarantee an offer of admission. In addition to these requirements, the College will admit only those candidates who, in the judgment of the College, are of good character, are capable of completing the doctor of naturopathic medicine program in its entirety and show promise of becoming worthy members of the naturopathic profession.
2. Applications received after the priority application dates may be accepted, subject to availability in the program, in which case a \$50 late fee will be levied in addition to the \$150 application fee.
3. As of March 2009, annual tuition fees are \$18,355 Cdn for Canadian students and \$21,990 Cdn for international students. If an applicant is offered admission, a deposit of 10 per cent of the current annual tuition fee is required to confirm acceptance of the offer (\$1,835 for Canadian students and \$2,199 for international students). The deposit will be applied to the student's first-year tuition fee. Please note that if an applicant withdraws the application prior to the start of the first year, the deposit will be refunded minus a \$100 administration fee.

## Admission Requirements

The Canadian College of Naturopathic Medicine is committed to excellence in naturopathic education and to the success of our graduates. All candidates for admission are evaluated based on their academic history as well as their motivation for becoming a naturopathic doctor, leadership skills, problem solving and critical-thinking skills, and specific personal qualities and characteristics.

### Academic requirements

To be considered for admission to the ND program, applicants must have completed a baccalaureate degree at an accredited institution. For September admission, courses must be completed by August 31 of the year of application. For January admission, courses must be completed by December 31.

The decision to admit an applicant is based primarily on the applicant's undergraduate grade point average. Additional criteria will include:

- applicant's academic history
- essay
- references
- autobiographical sketch
- interview

Historically, the average cumulative GPA of accepted students has been 3.3 on a four-point scale, encompassing a range of 2.7 to 4.0.

Credit will not be given for the completion of prerequisites unless a grade of C-minus (60 per cent) or better is earned.

Required Courses	Credit hours	Units
General Biology*	6	1.0
Physiology** (effective Sept 2011)	6	1.0
Biochemistry	3	0.5
Organic Chemistry (with lab)	3	0.5
Psychology	6	1.0
Humanities elective***	6	1.0

\* The Biology requirement may be fulfilled either by a one-year general biology course or by two semesters of courses such as anatomy, botany, cell biology, genetics, microbiology or zoology.

\*\* A full credit (six credit hours) of Physiology will be required as a prerequisite for those applying to enter the ND program in September 2011.

\*\*\* The Humanities requirement may be fulfilled by courses such as: sociology, anthropology, women's studies, philosophy, literature or similar courses. Coursework must include an essay-writing component.

Some prerequisite sciences courses can be completed at CCNM through the Continuing Education Department. Please visit the Continuing Education section of our website at [www.ccnm.edu](http://www.ccnm.edu) for more information.

**Note:** It is recommended that applicants complete courses in some or all of the following areas to prepare for CCNM's curriculum: anatomy, environmental science, genetics, human physiology, microbiology, physics, sociology, statistics, humanities and English composition.

### **Personal statement/essay**

Applicants are required to complete a personal statement/essay. Details of the personal statement/essay are outlined in the application package. It is important that applicants follow the specific instructions provided when answering the essay questions.

### **Confidential references**

The application package contains two confidential reference forms. These forms must be completed by independent referees and mailed by the referee directly to CCNM. The confidential reference forms must be received by the published application deadline. It is recommended that the applicant receive references from a naturopathic doctor, a professor or an employer. References from relatives will not be considered. No more than two references will be considered.

### **Autobiographical sketch**

The application package contains an autobiographical sketch form. Applicants are asked to provide, in chronological order, a brief description of their most significant activities and achievements over the past 10 years (e.g., occupations, details of education, honours and awards, extracurricular activities, volunteer work). Applicants may also submit a current resume to support their autobiographical sketch. (Note: A resume may be submitted in addition to but not as a replacement for an autobiographical sketch.)

### **Personal interview**

The purpose of this interview is to assess an applicant's ability to successfully complete the program and become an effective naturopathic doctor. Applicants will be chosen for interviews based on their academic performance.

Interviews are conducted at CCNM in Toronto for applicants who are able to travel to the campus. For those unable to travel to the campus, interviews will be conducted by telephone. Applicants will be contacted to make interview arrangements.

The personal interview lasts approximately 30 minutes. In making the overall assessment of the applicant, the interview team considers the following criteria: motivation, familiarity with naturopathic medicine and CCNM, analytical skills, financial awareness, self-directed learning experiences, ethics, and communication and leadership skills.

### **Health status statement**

All applicants offered admission to CCNM must submit documentation signed by a primary health-care practitioner attesting to the applicant's general health status and confirming the results of a two-step tuberculin test conducted within the three months prior to enrolment.

## **Essential skills and abilities required for the study of medicine**

CCNM is responsible to society to provide a program of study enabling graduates to possess the knowledge, skills, professional behaviour and attitudes necessary to enter the regulated practice of naturopathic medicine. Graduates must be able to diagnose and manage health problems and provide compassionate primary care to their patients. For this reason, students in the ND program must possess the cognitive, communication, sensory, motor and social skills necessary to interview, examine and counsel patients, and competently complete certain technical procedures in a reasonable time while ensuring patient safety. Prospective applicants should note that cognitive, physical examination, management and communication skills, as well as professional behaviour, are all evaluated in timed simulations of patient encounters.

All applicants are expected to assess their ability to meet the standards set out in this policy. This policy does not preclude individuals with disabilities from attending the College. Applicants who anticipate requiring disability-related accommodation are responsible for notifying CCNM in a timely manner; however, applicants should be aware that the awarding of the program credential is dependent on candidates demonstrating skill in a number of areas, some of which require physical dexterity.

Due to the comprehensive and integrative nature of the curriculum, students are expected to complete the ND diploma within six years. Students with a disability may be granted an extension of time to complete the ND program. These requests are considered on a case-by-case basis.

### **A candidate for the ND diploma must demonstrate the following abilities:**

#### **Observation skills**

A student must be able to demonstrate skills in observation. In particular, a student must be able to accurately observe a patient and acquire visual, auditory and tactile information.

#### **Communication skills**

A student must be able to speak to, hear and observe patients and coherently summarize a patient's condition and management plan, verbally and in writing. A student must be able to communicate effectively and sensitively with patients, families, employees and other health-care practitioners.

#### **Motor skills**

A student must demonstrate sufficient motor function to safely perform a physical examination on a patient, including palpation, auscultation and percussion. A student must be able to use common diagnostic aids or instruments either directly or in an adaptive form (e.g., sphygmomanometer, stethoscope and needles). A student must be able to execute motor movements that are reasonably required to provide general and emergency medical care to patients.

### **Intellectual-conceptual, integrative and quantitative abilities**

A student must demonstrate the cognitive skills and memory necessary to measure, calculate and reason in order to analyze, integrate and synthesize information. In addition, a student must be able to comprehend dimensional and spatial relationships. A student must be able to perform all of these problem-solving activities in a timely fashion.

### **Behavioural and social attributes**

A student must consistently demonstrate the emotional health required for full utilization of his or her intellectual abilities. The application of good judgment and the prompt completion of all responsibilities attendant to the diagnosis and care of patients are essential attributes. The development of mature, sensitive and effective relationships with patients, families, employees and other health-care practitioners is also required. The student must be able to tolerate the physical, emotional and mental demands of the program and function effectively under stress. Adaptability to changing environments and the ability to function in the face of uncertainties inherent in the care of patients are both necessary.

Compassion, integrity, concern for others, interpersonal skills, intellectual curiosity and self-motivation are all personal qualities that naturopathic doctors and naturopathic medical students must demonstrate.

### **Students with disabilities**

CCNM applies the definition of disability as provided within subsection 10(1) of the *Ontario Human Rights Code*.

CCNM is committed to facilitating the integration of students with disabilities into the college community. Each student with a disability is entitled to reasonable accommodation that will assist him or her to meet the standards of the program. Such accommodation, however, cannot compromise academic and technical standards, patient safety or standard of care. A student with a disability must be able to demonstrate the required knowledge and perform the necessary skills of the curriculum independently.

### **Accommodating students with special needs**

In accordance with the spirit and principles of the *Ontario Human Rights Code* and the *Canadian Charter of Rights and Freedoms*, CCNM will use all reasonable efforts to accommodate students with special needs in a manner designed to provide them with equal opportunities as enjoyed by other students.

At the request of a student, reasonable accommodations will be provided with respect to the documented special need, permanent or temporary, that affects the student's ability to function in an academic setting.

CCNM will endeavour to offer the most appropriate accommodation in a manner that does not compromise program standards and that respects the dignity of the student, meets individual needs, best promotes inclusion and maximizes confidentiality.

## **Application for special needs accommodation**

To facilitate appropriate accommodation, students are asked to promptly advise the student counsellor or Student Services of any special need requiring accommodation, and to include documentation that substantiates their request. The documentation must come from a licensed practitioner who is qualified in the specific area of special need. CCNM reserves the right to request that, at the College's expense, the student be seen by a specialist chosen by the College.

## **Note for students with special needs:**

Accommodations provided by CCNM *may or may not be acceptable* to a given licensing board or examining body independent of the College. Students with special needs are strongly advised to consult the naturopathic licensing board in the province or state in which they intend to be licensed.

## **Experienced student policy**

As outlined in the above section on admissions requirements, completion of a baccalaureate degree is expected. A limited number of exceptions are made for experienced students. Experienced students wishing to apply to CCNM must have completed a minimum of three years of university study (90 credit hours, 15 full courses) towards a baccalaureate degree. Competitive applications should have a cumulative grade point average of at least 3.3 on a four-point scale (equivalent to B+). A lower grade point average may be acceptable, depending on the applicant's academic history, interview, essay, references and career-related experience. Applicants applying as experienced students must have the minimum prerequisites as outlined in the above section on admission requirements. In addition, anyone applying as an experienced student must be able to demonstrate a minimum of four years of work and life experience outside of university. Please note that possessing the published minimum admission requirements does not guarantee an offer of admission. Please contact Student Services for more information.

## **Proficiency in the English language**

As CCNM curriculum is delivered in English, all applicants are expected to demonstrate sufficient facility in the English language to fully participate in the learning process. CCNM reserves the right to request that the applicant submit a current TOEFL score. Please contact Student Services for further information.

## **Admission requirements for international students**

An applicant will be considered an international student if he or she is not a Canadian citizen or does not have permanent resident or landed immigrant status.

In addition to the admission requirements outlined above, international applicants must ensure that their academic credentials meet Canadian equivalency. Contact Student Services for details.

International applicants must also comply with Citizenship and Immigration Canada admissibility requirements and must obtain a study permit.

For more information, visit [www.cic.gc.ca/english/information/applications/student.asp](http://www.cic.gc.ca/english/information/applications/student.asp). Applicants who intend to practice outside Canada are advised to contact

the local naturopathic medicine licensing body to inquire about requirements for licensing in that jurisdiction.

### **Evaluation of international transcripts**

Students who have completed their university study at an institution outside North America must have their transcripts evaluated and translated (if necessary) on a course-by-course basis.

### **World Education Services**

[www.wes.org](http://www.wes.org).

Toronto: [canada@wes.org](mailto:canada@wes.org)  
416-972-0070 or 1-866-343-0070

New York City: [info@wes.org](mailto:info@wes.org)  
212-966-6311

### **The International Credential Assessment Service of Canada (ICAS)**

[www.icascanada.ca](http://www.icascanada.ca)

[info@icascanada.ca](mailto:info@icascanada.ca)

519-763-7282 or 1-800-321-6021

## **Admissions Policies**

### **Transfer credits**

CCNM considers applications for transfer credits from applicants who have completed a year or more of academic credit in a CNME-accredited or candidate-for-accreditation institution.

Transfer students must meet the same entrance requirements as other CCNM students and must provide an official letter of recommendation from the transferring institution. Before acceptance becomes official, the registrar must approve the transfer credits. No more than two years of transfer credits will be awarded. Transfer credits are awarded on a course-by-course basis.

### **Advanced standing**

Some medical professionals may be eligible for advanced standing in certain CCNM courses. To qualify, an applicant's medical credentials must be recognized in Canada and the applicant must be eligible for licensure in the province of Ontario. Foreign-trained medical doctors must be evaluated by the Medical Council of Canada. Challenge examinations may be required in some cases. All courses approved for advanced standing will show as "EQV" on the CCNM transcript and will not be calculated into a student's GPA.

Other applicants are eligible to apply for advanced standing on a course-by-course basis. Challenge exams will be required. These exams are comprehensive for the course and may include multiple choice, short answer, essay and/or oral questions.

As of September 2010, CCNM will consider all students who are maintaining a course load of 80 - 110 per cent to be full time students. As such, their tuition will be adjusted neither up nor down from the published (full time) rate. Students whose course load is below 80 per cent or over 110 per cent will have their tuition prorated accordingly.

### **Program duration**

Students normally complete the ND program curriculum over a four-year period. A student may complete the curriculum in up to six years with the approval of the Registrar. Students who intend to pursue the program on a part-time basis should consult with the Registrar at their earliest opportunity.

Transfer students must complete a minimum of one-half of the credits in the ND program curriculum. Advanced standing students (such as medical professionals) must complete a minimum of two-thirds of the credits in the curriculum.

### **Deferred enrolment**

If an applicant is unable to enrol in the intake session for which they were accepted, they may request to have the application moved to the **next intake session**. The applicant is not required to reapply; however, written notification must be submitted to Student Services requesting that the application be moved to the next intake. Note that letters of acceptance are valid only for the intake session for which an applicant was selected and do not guarantee acceptance in the subsequent intake.

Applications may be moved **only once**, and only until the next intake session. Applicants who are unable to enrol in the subsequent intake will be required to reapply to be considered for future intakes. Any changes to CCNM's admission requirements must be satisfied by the applicant prior to enrolment. Once the application is moved to the next intake session, and if admission is granted, a 10 per cent tuition deposit will apply.

# Fees and Financial Policies

CCNM works to maintain a balance between minimizing the costs of tuition and other services and ensuring a high quality of education and support services. CCNM is a not-for-profit registered charity and does not receive direct financial support from the federal or provincial governments.

Before a student can be registered, full payment of the tuition and other mandatory fees must be submitted. The tuition fee is payable in two installments. The first installment, which is 60 per cent of the total tuition fee, is payable on or before the first day of classes of the first term. The second installment, the remaining 40 per cent, is due on or before the first day of classes of the second term. The tuition fee is reviewed each year and increased as required to adjust for program growth and inflation. Interest of 1.5 per cent per month (18 per cent per annum) is charged on outstanding tuition and other fees.

Students who are not able to pay tuition by the time of registration and/or by the beginning of the second term must complete and sign a promissory note and arrange a payment plan satisfactory to CCNM.

## Method of fee payment

The payment of tuition and all other fees are payable by cash, cheque or money order. Cheques need not be certified. However, any student who tenders a cheque that subsequently is not honoured by the banking institution will be charged a \$30 fee plus the appropriate interest charge. Credit card payments are not accepted.

Students may request funds to be disbursed directly to CCNM from government loan programs and similar sources. In such cases, students may be allowed a brief grace period with respect to interest charges.

## Tuition Fees (CDN Dollars)

	Canadian Students	International Students
Tuition fee 2009-10	\$18,355	\$21,990

## Standard Fees

Application fee	\$150
Student card	\$25
Naturopathic Students' Association (Year 1)	\$200
Naturopathic Students' Association (Years 2 - 4)	\$80
CAND membership fee	\$25
NSA health and dental plan (annual fee)	\$450
NSA health and dental plan (January students only, prorated for eight months)	\$300

## **Additional Fees**

Late application fee	\$50
Late registration fee	\$100
Supplemental fee	\$100
Rescheduled exam fee	\$25-\$100
Official transcript fee	\$10
Returned cheque	\$30
Photocopy of tuition tax receipt (T2202A)	\$5
Advanced standing application fee	\$25
Advanced standing examination fee (per one term course, on-site exam)	\$50
Advanced standing examination fee (per one term course, off-site exam)	\$100
Advanced standing examination fee (per two term course, on-site exam)	\$100
Advanced standing examination fee (per two term course, off-site exam)	\$150
Advanced standing assessment (health care professionals)	\$75
Medical professional exemption fee	\$75
Transfer credits	\$75
Partial load fee	\$500*
Locker fee	\$10
NPLEX guides	\$15
Student INER membership	\$25
Voluntary withdrawal fee	\$500

\* *One-time only charge for students entering partial load status; new entrants excepted.*

*Note: All fees and policies are subject to change without prior notice.*

## **Naturopathic Students' Association (NSA) health and dental plan**

All NSA members (students enrolled in the doctor of naturopathic medicine program) are assessed a fee for the NSA health and dental plan. The plan provides CCNM students with health and dental coverage for 12 months, from September 1, 2009 to August 31, 2010. Students already covered through another plan may opt out of the NSA health and dental plan online, *within the first three weeks of classes*. NSA members can also enrol their spouse and/or dependants in the plan. Students starting in January 2010 will be assessed a fee pro-rated for eight months of coverage (January 1 to August 31, 2010). Please note that plan fees are subject to change prior to the start of the coverage period. For more information, contact [www.studentcare.net/works](http://www.studentcare.net/works) at 1-866-369-8791 or visit the website at [www.ihaveaplan.ca](http://www.ihaveaplan.ca).

## Refund policy

CCNM's refund policy is applied when a student, either voluntarily or involuntarily, is no longer part of the full ND program, or a specific course or courses.

### Voluntary withdrawals

To begin the process of voluntary withdrawal, either from the full ND program or from a specific course or courses, students should inform the Student Services Department, in writing, of their intent to withdraw.

### Withdrawal from the ND program

A student who chooses to cease his or her course of studies in the ND program at CCNM should advise the Registrar of this intent by letter. The letter must be dated and signed by the student. If no letter is received, the last date of attendance will be the effective date of withdrawal and will be the date used to close out the student's account.

### Withdrawal from a course(s)

A student who chooses to withdraw from a specific course or courses must advise the Registrar in writing, who will prepare an adjusted registration form that reflects the course load reduction. The date of the request for the reduction in course load will be used to calculate the amount of the refund (if any).

### Refund calculation for withdrawal from the ND program

Upon withdrawal, the student's refund will be assessed based on the time spent in the program or the course being dropped.

The amount of tuition owing (earned tuition) will be prorated and calculated on a course-by-course basis using the following formula:

$$\text{(Number of Weeks Attended / Total Number of Course Weeks)} \times \text{Course Tuition} \\ = \text{Earned Tuition (Tuition Owing)}$$

Once the time spent in a course reaches two-thirds of the total course hours, no refund will be issued.

If a course has not yet started, no tuition charges will be incurred.

An administrative charge of \$500 is assessed on all voluntary withdrawals. The \$500 administrative charge will be credited to the student's account should that student return to the ND program within one year.

### Refund calculation for withdrawal from a course(s)

Once a student has been approved for a course load reduction, the refund (if any) for a specific course will be calculated by the Registrar as follows:

$$\text{(Number of Weeks Attended / Total Number of Course Weeks)} \times \text{Course Tuition} \\ = \text{Earned Tuition (Tuition Owing)}$$

Once the time spent in the course reaches two-thirds of the total course hours, no refund will be forthcoming.

If the course has not yet started, no tuition charges will be incurred.

Refunds may be subject to a partial load fee.

### **Involuntary withdrawals**

In cases of involuntary withdrawal, the Student Services Department will review the circumstances related to the withdrawal and will determine an appropriate withdrawal date and any charges or refunds (if applicable).

CCNM reserves the right to withdraw a student if it is apparent that he or she will not complete the program within six years of studies.

# Financial Assistance

*Students are responsible for paying their tuition fees. CCNM is not responsible for loans arriving past the tuition due date. Delays relating to processing and advancing of loans are the student's responsibility.*

## **Scholarships, bursaries, loans and awards**

CCNM offers a number of scholarships, bursaries, loans and awards through the generosity of its many donors. Please refer to CCNM's website for additional details or contact a student services officer at ext. 245, or e-mail [info@ccnm.edu](mailto:info@ccnm.edu).

## **Student loans and bursary programs**

Students may be eligible for student loans and/or bursaries under the Canada Student Loans Program and loans programs of the provincial governments of Canada. Canadian students enrolled in the naturopathic medicine program may be eligible, if qualified, for assistance under one or more components of the following:

- Canada Student Loans Program (CSL)
- Ontario Student Loans Program (OSL)
- Student loan program in your province of residence

Government loans may not cover the full cost of tuition.

A student may only apply from the province of residence in which he or she has most recently lived for at least 12 consecutive months, excluding time spent as a full-time student at a post-secondary institution. Currently, the province of Quebec does not recognize the naturopathic medicine program at CCNM as a program eligible for government loans. Please contact a CCNM student services officer for alternative sources of financial aid.

A loan application must be submitted for each academic year you attend. Student loan applications are produced by your provincial loan office and usually become available each year at the end of May. Applications are also available online on your provincial student loan program website, and are typically the preferred method of applying. Paper applications have, in some cases, been eliminated.

You may submit a loan application prior to receiving your acceptance letter from the College. It is recommended that you submit your application as early as possible (by mid-June) to ensure that your loan will be available upon College registration. Processing times may vary and can take eight to 10 weeks.

You may obtain student loan information from your provincial loan office or by contacting a student services officer.

## **Important information on student loans**

CCNM complies fully with the performance requirements for the administration of the Ontario Student Assistance Program (OSAP) by Private Schools (non-PVS) as set out

by the Ministry of Training, Colleges and Universities (MTCU), to ensure proper administration of public funds and the prevention of program abuse and fraud. The Ministry's full requirements can be accessed through the website at <http://osap.gov.on.ca>.

### Active student participation and satisfactory scholastic progress policy

All students receiving OSAP or other provincial loans are required to adhere to applicable OSAP regulations and conditions, including active participation and satisfactory scholastic progress to the full extent of CCNM's satisfactory academic progress requirements. Students will be disqualified from eligibility for OSAP or government loans and withdrawn from loan arrangements if they fail to meet the requirement of **20 hours of instruction per week for four consecutive weeks while maintaining a course load of 60 per cent or more**. Withdrawal from OSAP eligibility is automatic and does not require written notification.

In addition, all students receiving OSAP must achieve satisfactory scholastic progress at their institution (**a minimum of 65 per cent** in each course) while maintaining all of the conditions stated above. Students not meeting the scholastic progress requirement will be subject to the following consequences and remedies, as required by the Ministry of Training, Colleges and Universities:

Scholastic Situation	Consequence	Remedy
Failure to achieve satisfactory scholastic standards during one study period.	Student put on probation; student remains eligible for OSAP in next study period.	Must succeed in all following academic years to maintain continuous CSL/ CSG*/OSL eligibility.
Failure to achieve satisfactory scholastic standards during two study periods.	Student loses CSL/ CSG/OSL eligibility for a minimum of 12 months.	Must maintain CSL/ CSG/OSL in good standing with lending institution during the 12-month period.
Failure to achieve satisfactory scholastic standards during three study periods.	Student loses CSL/ CSG/OSL eligibility for a minimum of 36 months.	Must maintain CSL/ CSG/OSL in good standing with lending institution during the 36-month period.

\*CSG = Canada Study Grant

### Negotiation of government student loans

1. Pick up a loan document from Student Services. You must present your SIN card and government-issued photo ID to negotiate your loan.
2. A student services officer as well as the student will sign the loan document for the loan to be negotiated.
3. Take the document to a designated postal outlet or agency approved to process your loan within 30 days of signing it. Outlets are listed on the Canada Student Loans website at [www.canlearn.ca](http://www.canlearn.ca).
4. If loan documents have not arrived by the first day of class, the student can complete a Schedule 2 form to maintain interest-free status.

## Maintaining interest-free status

If you have a previous Canada-Ontario Integrated Student Loan, Canada Student Loan and/or an Ontario Student Loan, it is important to maintain its interest-free status. Students must be enrolled with at least a 60 per cent course load to qualify. To maintain interest-free status, the lender holding your previous loans (bank, financial institution and/or National Student Loans Service Centre) must be informed that you are still in school. This is done automatically once your completed Confirmation of Enrolment form is processed by your post-secondary institution and by the Ministry of Training, Colleges and Universities. The Ministry will electronically inform your previous lender that you are still in school.

Please note that students who do not qualify for a loan must complete the appropriate Continuation of Interest-free Status form (Schedule 2) from their province.

## Loan repayment responsibilities – OSAP/CSL

Loan repayment begins six months after the completion of your studies, or when you have stopped being a full-time post-secondary student. Interest accrues on the loan from the time you are no longer a full-time student. The rates and conditions for repayment are set at the time of repayment.

It is the borrower's responsibility to understand the terms and conditions of the loans. Specific information is available on each of the provincial loan program websites. For students who temporarily cannot repay their loans due to low income, interest relief and/or debt-reduction programs may be available to aid you in paying the interest on your loans. Applications are available from Student Services or from your lender.

## Key Performance Indicators

In accordance with the Ontario Ministry of Training, Colleges and Universities' Performance Guidelines, CCNM publishes performance indicators for students on employment rates, graduation rates and student loan default rates.

Note: The Ministry of Training, Colleges and Universities did not conduct surveys to determine employment rates or graduation rates for the 2006-2008 graduating classes. The graduation rates shown for 2006-2008 are based on our own calculations.

## Employment rates

CCNM graduates participate in the NPLEX (Naturopathic Physicians Licensing Examinations) in August of their graduation year and are not eligible for licensure until September. Please note that the employment rate is calculated in November, which is only two months after students gain licensure.

Graduate Class	2005	2004	2003	2002	2001	2000	1999
Employment Rate	81%	72%	76%	87%	81%	83%	85%

## Graduation Rates

Graduate Class	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999
Graduation Rate	91%	86%	87%	80%	87%	89%	87%	96%	93%	92%

## Default Rates

The default rate reflects the repayment status of CCNM students who were issued Ontario student loans in the academic years prior to graduation.

Graduate Class	Number of Loans Issued	Loans in default	Default Rate
2008	70 (in '05-'06)	0	0%
2007	52 (in '04-'05)	0	0%
2006	63 (in '03-'04)	1	1.6%
2005	68 (in '02-'03)	2	2.9%
2004	71 (in '01-'02)	2	2.8%
2003	66 (in '00-'01)	1	1.5%
2002	72 (in '99-'00)	1	1.4%
2001	45 (in '98-'99)	1	2.2%
2000	40 (in '97-'98)	0	0%
1999	40 (in '96-'97)	3	7.5%
1998	24 (in '95-'96)	0	0%

## Student Financial Assistance Offices (Provinces and Territories)

### Alberta

Alberta Student Finance Board  
P.O. Box 28000, Station Main  
Edmonton AB T5J 4R4

<http://studentloans.gov.ab.ca>

**780-427-3722**

Fax: 780-427-5920

### British Columbia

Student Services Branch  
Ministry of Advanced Education,  
Training and Technology  
P.O. Box 9180, Stn Prov Govt  
Victoria BC V8W 9H9

[www.aved.gov.bc.ca/studentaidbc](http://www.aved.gov.bc.ca/studentaidbc)

**250-387-6100** or **604-660-2610**

**1-800-561-1818**

Fax: 1-888-262-2112; 250-387-4858

### Manitoba

Dept. of Education and Training  
Student Financial Assistance  
409-1181 Portage Avenue  
Winnipeg MB R3G 0T3

[www.studentaid.gov.mb.ca](http://www.studentaid.gov.mb.ca)

**204-945-6321** or **204-945-2313** (out of province)

1-800-204-1684 (within MB)

Fax: 204-948-3421

### New Brunswick

Student Services Branch  
Dept. of Advanced Education and Labour  
P.O. Box 6000, 548 York Street  
Fredericton NB E3B 5H1

[www.studentaid.gnb.ca](http://www.studentaid.gnb.ca)

**506-453-2577** or **1-800-667-5626**

Fax: 506-444-4333

[finpostsec@gov.nb.ca](mailto:finpostsec@gov.nb.ca)

### Newfoundland

Student Aid Division  
Department of Education  
P.O. Box 8700  
St. John's NL A1B 4J6

[www.edu.gov.nf.ca/studentaid/](http://www.edu.gov.nf.ca/studentaid/)

**709-729-5849** or **709-729-4244**

**1-888-657-0800**

Fax: 709-729-2298

[studentaid@mail.gov.nf.ca](mailto:studentaid@mail.gov.nf.ca)

### **Northwest Territories**

Student Financial Assistance  
Department of Education,  
Culture and Employment  
Government of NWT

P.O. Box 1320

Yellowknife NWT X1A 2L9

**[www.nwtsfa.gov.nt.ca](http://www.nwtsfa.gov.nt.ca)**

**1-867-873-7190** or **1-800-661-0793**

Fax: 403-873-0336 or 1-800-661-0893

### **Nova Scotia**

Student Assistance Office Department  
of Education and Culture,  
Student Assistance Office

P.O. Box 2290, Halifax Central

Halifax NS B3J 3C8

**<http://studentloans.ednet.ns.ca>**

**902-424-8420** or

**1-800-565-8420** (within NS)

Fax: 902-424-0540

### **Ontario**

Student Support Branch

Ministry of Education and Training

P.O. Box 4500

189 Red River Road, 4th Floor

Thunder Bay ON P7B 6G9

**<http://osap.gov.on.ca>**

**1-900-565-6727**

(automated, \$2 fee - Ontario only)

or **1-807-343-7260** (out of province)

### **Prince Edward Island**

Student Aid Division

Dept. of Education

P.O. Box 2000,

16 Fitzroy St. Sullivan Building, 3rd Floor

Charlottetown PEI C1A 7N8

**[www.edu.pe.ca/studentloan](http://www.edu.pe.ca/studentloan)**

**902-368-4640**

Fax: 902-368-6144

[studentloan@gov.pe.ca](mailto:studentloan@gov.pe.ca)

### **Quebec**

Direction Generale de l'Aide

Financiere aux Etudiant

Ministere de l'Education

1035, rue De La Chevrotiere,

Edifice Marie Guyart, 22e étage

Quebec PQ G1R 5A5

*\* Please note that the province of  
Quebec does not recognize CCNM  
students as eligible for government  
loans.*

**418-646-5245** (outside Quebec)

**418-646-4505** (within Quebec)

**514-864-4505** (in Montreal)

### **Saskatchewan**

Student Financial Assistance

Education and Skills Training

Rm. B21, 3085 Albert Street

Regina SK S4P 3V7

**[www.sasked.gov.sk.ca](http://www.sasked.gov.sk.ca)**

**306-787-5620** or 1-800-597-8278

Fax: 306-787-1608

### **Yukon Territory**

Students Financial Assistance Unit

Department of Education

P.O. Box 2703

Whitehorse YT Y1A 2C6

**[www.education.gov.yk.ca](http://www.education.gov.yk.ca)**

**867-667-5929**

Fax: 867-667-8555

### **Information on Canada Student Loans**

The Learning and Literacy Directorate

Human Resources Development Canada

P.O. Box 2090, Station "D"

Ottawa ON K1P 6C6

1-819-994-1844

**1-888-432-7377** (toll-free English)

**1-800-733-3765** (toll-free French)

## U.S. Student Loans

CCNM participates in the Federal Family Education Loan Program (FFEL). Eligible students who are citizens of the United States may apply for Stafford and Grad Plus loans. You must first complete a free online application for Federal Student Aid (FAFSA) at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

### Stafford Loans

There are two types of Stafford loans available to students:

**Subsidized:** A needs based, federally insured student loan program. The current Stafford Loan annual limit is \$8,500 US. Interest does not accrue on this loan while you are attending school.

**Unsubsidized:** A non-needs based federally insured student loan. The maximum annual loan amount is \$12,000 US. Interest accrues on this loan while you are attending school.

### Grad PLUS

To be eligible for the Grad PLUS loan, a student cannot have an adverse credit history. Students can borrow up to the cost of attendance in a program, minus other estimated financial assistance in the FFEL program (e.g., Stafford loans). There is a fixed interest rate of 8.5 per cent. Unless the student submits an In-School Deferment form or the lender activates an automatic deferment, the student will be required to begin making payments **60 days after the loan is disbursed in full**. The standard repayment term is 10 years; however, it may be extended up to 25 years depending on the amount borrowed.

## Private Loan Program

### Sallie Mae Signature Student Loans

Signature loans are available for students who are either U.S. citizens/residents or have a co-borrower who is a U.S. citizen/resident. Students may qualify for up to \$25,000 US. U.S. students are required to first apply for a Stafford loan before applying for a Signature loan. Canadian students do not need to apply for a Stafford loan first. Interest rates may range from the prime rate to prime plus two per cent, depending on the student or co-borrower's credit rating. Payments are not required while the student is in school and students have up to 25 years to repay the loan. Students must be enrolled at least half-time in a program. Loans are available to cover the total cost of education, which includes tuition, fees, room and board, computers and other expenses relating to education. The lifetime limit is \$100,000 US. Interest rates and loan fees vary depending on credit history. Applying with a co-borrower may decrease loan costs, as the co-borrower's credit history will determine your interest rate and fees. To print an application, visit [www.salliemae.com/international](http://www.salliemae.com/international). A financial aid officer will need to certify your application after you've completed it. Please contact the financial aid office for any additional information.

**Additional loans**

Private loans may be available through participating financial institutions. Please refer to CCNM's website for additional details, or contact Student Services.

**Bank loans**

*The following information is correct as at the time of publication. As financial institutions change their policies from time to time, we recommend that you contact your institution of choice to confirm details.*

**Canadian Imperial Bank of Commerce (CIBC)**

Students enrolled in the ND program at CCNM can apply for a professional line of credit without the need of a co-signatory. The four-year program limit is \$140,000. There is no annual limit - students are assessed each academic year on the basis of their need. Interest is the prime rate plus one per cent; the line of credit is converted to a personal loan 12 months after graduation.

# Registrar

## **Student records**

The Registrar maintains permanent records of each student enrolled at CCNM. A student's record contains his or her application file, information related to College business matters, grade reports and comments, and records of official action taken by CCNM concerning that student.

Records may be made available to members of the faculty and administration with a demonstrated need. Except as may be required by law, no part of a student's record will be released to any person outside CCNM without written consent of the student.

## **Student transcripts**

The transcript is an official record of all academic and clinic credits earned toward the ND diploma. It lists the course title, course code, number of credit hours and the numerical or letter grade for all courses taken. One unofficial copy of the transcript is provided to each student free of charge. Official transcripts are available at \$10 each.

Official transcripts may only be released to educational institutions and licensing boards whom the student has authorized to receive the transcript. Students may not have access to official transcripts. Transcripts are not released if the student has any outstanding financial obligations to the College.

## **Withdrawal**

Students who withdraw from CCNM for any reason must give written notice to the Student Services Department. Any tuition refunds or remaining financial obligations to the College will be assessed based on the last date of attendance. Failure to attend for 10 consecutive class days without notice will be deemed to constitute a withdrawal from the College.

If a student does not return within one year from the time of withdrawal, a new application for admission must be submitted.

CCNM reserves the right to withdraw a student if it is apparent they will not complete the program within six years of studies.

## **Readmission**

Students who withdraw from CCNM are permitted to resume study within a maximum of one year from the date of withdrawal.

Students dismissed for academic reasons are required to demonstrate that they have upgraded their skills by means of successful performance in an academic setting or by satisfying the College that any previous barriers to successful academic performance have been addressed and eliminated.

### **Preceptor program**

Commencing in the first year, it is mandatory that all students participate in the preceptor program. Students are required to complete 100 preceptor hours. Prior to enrolling in CLE350 (Clinic III), students must have completed 50 of these hours. Preceptor hours can be achieved by working with a registered naturopathic doctor or an approved, licensed medical professional. CCNM must approve all preceptor hours.

### **Community service program**

All students are required to participate in the community service program and must complete a minimum of 50 community service hours prior to graduation. Examples of community service activities include initiatives that promote awareness of the Robert Schad Naturopathic Clinic and naturopathic medicine in general. Participation in research or other College service activities are also eligible for credit.

## Code of Student Conduct

CCNM is committed to the success of our learners. We are also committed to fostering an inviting, supportive and professional environment for our staff, students and patients. CCNM's honour code and standards of conduct are based on the existence of an environment that has as its core values honesty, trust, integrity and mutual respect. We are all willing participants in this community and our behaviour should always reflect these core values. We agree to uphold the core values of our community and to share the responsibility of ensuring that our environment of trust and honesty prevails. Those who breach the honour code or the standards of conduct disqualify themselves from participating in the CCNM community. Academic offences such as plagiarism, cheating, or any other acts of academic dishonesty, are considered serious breaches of the code and, upon conviction, will result in disciplinary action, up to and including dismissal.

Details of the code of student conduct and the disciplinary procedures can be found in the *Student Handbook*.

# Academic Policies

Complete documentation of CCNM's academic policies can be found in the *Student Handbook*. Any policy, procedure or regulation defined in the most recently published *Student Handbook* has precedent over that which is defined in the *Academic Calendar*. Registered students receive a copy of the *Student Handbook* through Student Services. CCNM's academic policies are designed to help create a College environment that is learner-centred and focused on helping our students succeed in their academic and professional careers. As we are all members of the CCNM community, we have an obligation to ensure that our community conducts itself in a manner that is safe, honest and centred on our learning objectives. It is CCNM's goal to see our students succeed. If you are experiencing difficulties of an academic or personal nature, it is highly recommended that you contact Student Services or the Office of Academic Affairs as soon as possible so that assistance and support can be provided.

## Academic sessions

The curriculum is comprised of four academic years. The 2009-2010 academic year is divided as follows:

	Session 1	Session 2	Session 3
<b>Sept Start</b> Year 1 Year 2 Year 3 Year 4	Sept. 2 - Dec. 24/09 Sept. 2 - Dec. 24/09 Sept. 2 - Dec. 24/09 Sept. 2 - Dec. 23/09	Jan. 4 - Apr. 30/10 Jan. 4 - Apr. 30/10 Jan. 4 - Apr. 30/10 Jan. 2 - May 1/10	May 10 - Aug. 31/10
<b>January Start</b> Year 1	Jan. 4 - Apr. 23/10	May 4 - Aug. 20/10	

**Note:** Licensing exams are written in August following completion of the second and fourth years of the program. See page 67 for details.

## Attendance policy

To maximize the learning potential for students, and given the nature of curriculum delivery for many courses, attendance at all scheduled lectures, practical sessions and labs is mandatory. Failure to attend does not provide grounds for appeal of grades or other evaluations. Students will be responsible for the cost of making up required mandatory sessions. Failure to attend for 10 consecutive class days may result in dismissal from the College. Please see the CCNM *Student Handbook* for complete attendance policies.

## Academic promotion and standing

*At CCNM, we strive to identify, as early as possible, any academic difficulties that a student may be experiencing. Such students are advised to consult with the relevant course instructor and the associate dean as soon as possible.*

1. A student in Year 1 who fails more than 30 per cent of the course credit hours, or who has a GPA below 2.7, will be dismissed from the program. A student in Year 1 who fails less than 30 per cent may be permitted to repeat the failed course(s) during the following academic year, provided they have a GPA of at least 2.7. A student is considered enrolled in Year 1 until they have successfully completed all Year 1 courses.
2. A student in Years 2 or 3 who fails a course(s) may be permitted to repeat the failed course during the following academic year, provided they have achieved a minimum term GPA of at least 2.7. A student in Years 2 or 3 who fails a course and has a term GPA of less than 2.7 will be eligible for dismissal from the program.
3. A student who fails the same course twice will be dismissed.

Please be aware that course failures will result in program delay, as a student may not enrol in any courses for which the failed course is a prerequisite.

### Grade point average

1. Each course is assigned a unit value based on the nature of the instruction and the number of contact hours for the course. A weighted grade point average for each academic year will be calculated using the credit hours of each course as the weight. Transcripts of academic record will include a grade point average for each academic year and a cumulative grade point average.
2. Grades for courses that are measured on an “achieved competency” basis and with final grades of “W,” “INC,” “Trans” or “EQV” will not be used in the calculation of grade point averages.
3. When a course is taken for a second time, both grades are recorded on the student’s transcript. However, only the higher of the two grades is used in GPA calculations.
4. Final grades for a course will normally be derived from a series of examinations, quizzes, tests or assignments. Final grades will be reported to the Registrar as a percentage grade. This percentage grade will be converted to an alpha grade and a grade point based on the following scale:

Per cent grade	Alpha grade	Grade point
90 to 100	A+	4.0
85 to 89.9	A	3.9
80 to 84.9	A-	3.7
77 to 79.9	B+	3.3
73 to 76.9	B	3.0
70 to 72.9	B-	2.7
65 to 69.9	C	2.0
<65	F	0
Incomplete	INC	
Withdrawal	W	
Advanced Standing	EQV	
Transfer Credit	Trans	
Achieved Competency	AC	

# Campus Facilities

## **NSA student centre**

A spacious area for student use is located on the second floor of the academic wing. The lounge area has a satellite TV, games room, meditation room and piano room. It also houses the student newspaper, extracurricular clubs and the Naturopathic Students' Association offices.

## **Fitness centre**

A fully equipped indoor fitness centre with change rooms and saunas is located on the lower level of the College. A tennis/basketball court is located behind the building on the northwest corner. A variety of campus and intra-mural sports teams are organized by students each year, based on interest.

## **Courtyard and herb garden**

Students, staff and faculty are encouraged to visit our treed courtyard for group meetings, studying or simply relaxing. Brick barbecues and picnic tables are available for student use.

The Paracelsus Herb Garden offers a relaxing oasis for reflection and meditation and is used as a teaching garden for CCNM students and visitors.

## **Cafeteria**

Camros Organic Eatery offers healthy, mostly organic foods in a pleasant, welcoming atmosphere. The cafeteria is usually open Monday to Friday from 11:30 a.m. to 5 p.m. during the regular academic year (September to April), excluding holidays. During the summer and College reading weeks it operates on a limited basis. For more information, visit [www.camroseatery.com](http://www.camroseatery.com).

## **Recycling, composting and re-use**

CCNM's Facilities Department oversees a comprehensive waste reduction program. Cans, bottles and paper are collected throughout the campus. Food waste is collected in the student residence kitchens, staff and student lounges, and in the cafeteria. Used household batteries are also collected. Food waste and yard waste are recycled into compost that is used on campus lawns and gardens.

## **Parking**

A limited number of parking spaces are available at the front of the College by entering from Sheppard Ave. East or Old Leslie Street. The monthly parking rate is \$90 and the maximum daily rate is \$25 (subject to change). Monthly permits are issued on a first-come, first-served basis and are available at the front desk through an application process.

**Lockers**

Students can rent a locker and combination lock through Student Services for a fee of \$10 per academic year.

**Bookstore**

Body Mind Science (BMS) Resources is an on-campus textbook and medical supply store. BMS Resources provides students with textbooks, software and medical equipment. BMS Resources also serves the wider community of complementary health-care professionals, carrying a range of clinic supplies. The store sells an assortment of organic foods.

# Learning Resources Centre

CCNM's Learning Resources Centre (LRC) is regarded as one of Canada's finest natural medicine facilities. A collection of approximately 22,740 varied, authoritative and up-to-date resources, available in formats including books, journals, CD-ROMs, audio cassettes, video cassettes and online databases, support the needs of the CCNM community. Electronic resources are provided on-site and are also accessible to patrons from off-site locations. The collection serves the curriculum and provides point-of-care information for clinical decision-making. For a detailed listing of the LRC's resources and policies, visit [www.ccnm.edu](http://www.ccnm.edu), and select "Learning Resources Centre".

## **The collections**

The LRC collections focus on basic sciences, botanical medicine, community health, homeopathic medicine, nutritional sciences, health psychology, Asian medicine, physical medicine, naturopathic history and practice, and clinical sciences. The collections are selected to provide patrons with support relevant to naturopathic medicine.

## **Services and facilities**

The LRC provides 30 computer workstations and two printer units. The computer lab provides access to the internet and electronic databases. The dry lab is equipped with anatomically correct models, skeletons, bones, diagnostic x-rays, acupuncture models and diagrams. Many of the models are interactive and can be disassembled and examined in detail.

## **Library orientation, instruction, and assistance**

Professional and technical staff are available to assist with general reference questions and basic literature searches. Library orientations and tutorials on the use of the electronic databases and the computerized catalogue are provided throughout the year.

## **Multimedia: CDs, videos and audio tapes**

The LRC provides DVD, video and audio cassette players to complement the multimedia collection of nearly 4,000 resource items. In addition, a virtual server houses a selection of 150 CD and DVD titles relevant to the naturopathic curriculum, viewable on any desktop computer on the campus.

## **Study room**

The study room offers students secluded space in which to study, research and complete assignments.

**Wireless network/multimedia**

A College-wide wireless network and proxy server allows students to access selected electronic resources from home or designated zones on the campus. One card-operated photocopier is also available for student use in the LRC.

**Hours of operation**

The library is open from Monday to Saturday. Weekly hours of operation are posted online and in the LRC. Hours of operation are subject to change; they may be reduced during summer, reading week and vacation periods, and may be extended during exam periods.

# Student Residence

CCNM's student residence offers both term and year-round co-ed accommodations. The residence is part of the main campus building and students who choose to live here are just steps away from amenities such as the Learning Resources Centre, the Robert Schad Naturopathic Clinic and a healthy-foods cafeteria.

A residence application will be included with your acceptance letter or shortly thereafter. Please note that residence spaces are limited and applicants will be assigned rooms on a first-come, first-served basis.

Further information is available in the Housing section of the website at [www.ccnm.edu](http://www.ccnm.edu).

## **Residence rooms**

All rooms are for single occupancy only. Furnishings include a single bed, desk and chair, wardrobe closet and personal refrigerator. Internet is included in all rooms.

## **Common areas**

Each floor has a number of shared lounges with a satellite television and balcony overlooking the courtyard. A kitchen adjoins each lounge. Card-operated laundry facilities are available on each floor.

## **Courtyard**

The large, grassy courtyard and Paracelsus Herb Garden provide an ideal space for socializing or studying. Brick barbeques in the courtyard are available for resident use.

## **Security**

The residence offers 24-hour security staff as well as monitored security cameras located on the campus grounds.

## **Local features**

Nearby amenities within walking distance include major shopping centres, restaurants, North York General Hospital, recreation centres, public libraries and parks.

For more information, contact [residence@ccnm.edu](mailto:residence@ccnm.edu) or call 416-498-1255 or toll-free 1-866-241-2266 ext. 330.

# Doctor of Naturopathic Medicine Diploma Program Objectives

Through excellence in health education, clinical services and research that integrate mind, body and spirit, CCNM's doctor of naturopathic medicine diploma program develops primary-care doctors accomplished in the art and practice of naturopathic medicine.

Graduates of the program will be able to:

1. Integrate naturopathic philosophy and principles with medical knowledge in the care of patients.
2. Educate patients and the public in health promotion and disease prevention.
3. Manage the underlying spiritual, social, mental and physical causes of disease.
4. Practice in a manner that exemplifies professionalism, strong ethics and a commitment to the principles of naturopathic medicine.
5. Communicate effectively with patients.
6. Appraise and apply research in treating patients.
7. Integrate biomedical with clinical science knowledge in the assessment, diagnosis and management of patients.
8. Utilize naturopathic therapeutics in the individualized care of patients including but not limited to:
  - Asian Medicine
  - Botanical Medicine
  - Clinical Nutrition
  - Counselling and Health Psychology
  - Homeopathic Medicine
  - Lifestyle Modification
  - Nature Cure
  - Pharmaceuticals
  - Physical Medicine
9. Identify the need for urgent and emergent health care and direct appropriate resolution.
10. Establish and manage a naturopathic practice.
11. Manage chronic disease.
12. Demonstrate leadership in health advocacy and environmental stewardship.
13. Collaborate effectively and work in partnership with other health care practitioners.
14. Demonstrate commitment to the advancement of the naturopathic profession.

CCNM's four-year accredited professional program in naturopathic medicine provides more than **3,000 hours of classroom training and 1,200 hours of clinical experience.**

Naturopathic medicine is founded on the principle of healing through the co-operative power of nature. Individuals who choose to practice as naturopathic doctors pledge to “encourage others to strengthen their health, reduce risks for disease and preserve the health of our planet for ourselves and future generations.” The focus is on promoting health, not on alleviating symptoms. To address the fundamental causes of disease, to heal the whole person through individualized treatment, to teach the principles of healthy living and preventative medicine—these are among the principles that drive the content and structure of the ND program.

Naturopathic medicine is a primary health-care profession that focuses on the promotion of health, assessment of the physical and mental condition of an individual, and the diagnosis, prevention and treatment of diseases, disorders and dysfunctions. It does this through the integrated use of therapies and substances that promote the individual’s inherent self-healing mechanisms.

The principles underlying the practice of naturopathic medicine include:

- Utilization of therapies that minimize the risk of harm and are the least invasive, in order to restore health. (First, do no harm.)
- Recognition and support of the inherent self-healing ability of the individual. (The healing power of nature.)
- Identification and treatment of the underlying cause of disease. (Treat the cause.)
- The primary role of the naturopathic doctor is to educate and support patients in taking responsibility for their health. (Doctor as teacher.)
- Treatment of the whole person through individualized care.
- Prevention of disease through encouraging a healthy lifestyle and controlling risk factors.

The ND program is broadly composed of three main areas of study: the biomedical sciences, the clinical sciences and the art and practice of naturopathic medicine.

### **Biomedical Sciences**

The biomedical sciences segment of the curriculum provides an in-depth study of the human body through lectures and labs. Students take courses in anatomy (including gross anatomy, prosection, neuroanatomy, embryology and histology), physiology, biochemistry, immunology, environmental and public health (including infectious diseases), pharmacology and pharmacognosy.

### **Clinical Sciences**

The clinical sciences segment of the curriculum thoroughly prepares students to educate patients and the public in health promotion and disease prevention. It also prepares them to diagnose the causes of a range of primary care conditions and to effectively help patients manage their conditions using a broad range of therapeutics. Laboratory and clinical demonstrations are utilized to foster the development of practical skills.

Diagnostics courses include physical and clinical diagnosis, laboratory diagnosis, differential diagnosis and diagnostic imaging. A range of primary care issues are covered in courses ranging from natural childbirth/obstetrics to pediatrics. Primary

care management is covered in the study of botanical medicine, homeopathy, emergency medicine, nutrition, physical medicine (including naturopathic, osseous and soft tissue manipulative therapy, physiotherapy, sports medicine, therapeutic exercise and hydrotherapy), psychological counselling, nature cure, acupuncture and Asian medicine and minor surgery.

### **Art and Practice of Naturopathic Medicine**

A defining element of naturopathic medicine is the integration of naturopathic philosophy and principles with medical knowledge in the care of patients. In the program, students are exposed to the practical application of this knowledge and are encouraged to develop an appreciation of both the art and practice of naturopathic medicine. In addition, students will develop the skills to practice in a manner that exemplifies professionalism, strong ethics and a commitment to the principles of naturopathic medicine.

### **Naturopathic Therapeutics – An Overview**

There are six major modalities that help to define naturopathic practice. Each is a distinct area of practice and includes diagnostic principles and practices as well as therapeutic skills and techniques. The integration of these modalities to effectively meet the individual health needs of each patient is one of the major outcomes of CCNM's ND program. Below is an overview of the major modalities covered in the program.

#### **Asian medicine/acupuncture**

Students learn about the philosophy and principles of Asian medicine: Yin and Yang theory, the meridians and channels system, the five-element theory and the symptoms and signs involving the 12 master meridians. Applying these principles in the context of patient assessment and treatment is emphasized, with acupuncture and therapeutic botanicals being the main approaches.

#### **Botanical medicine**

The pharmacognosy, clinical indications, interactions and toxicology of plants and crude plant extracts are examined. Examples of traditional herbal lore are studied from a current research perspective. Field trips for identification of local botanicals are part of the program, along with an exploration of herbs in light of their ecological significance and contribution to the history and evolution of medicine.

#### **Clinical nutrition**

This part of the program provides students with current knowledge and research in clinical nutrition, and its application in the prevention and treatment of disease processes. Macro and micro nutrients and their interacting biochemical roles in human metabolism are investigated; the concept of biochemical individuality is highlighted. Etiological considerations and clinical manifestations of nutritional imbalances and food sensitivities are discussed. Diagnostic evaluation of nutritional status is presented while prescriptive therapeutic strategies such as fasting, detoxification, specific diets, supplementation, orthomolecular therapy, use of food extracts, glandular concentrates and digestive aids are evaluated.

### **Homeopathic medicine**

The history, principles and philosophy of homeopathy are discussed in depth. Practical application of homeopathic principles in patient assessment and management is emphasized for acute and constitutional cases. Skills are developed in case analysis, repertorization, *materia medica* search, remedy differentiation and selection and prescribing the appropriate posology.

### **Physical medicine**

Students are taught a variety of assessment techniques ranging from orthopedic tests to naturopathic manipulation. Students learn to manipulate the osseous and soft tissues in order to correct structural and/or postural imbalance or pathology, including active and passive manipulation of spinal, costovertebral, costosternal and limb articulations. The prescription of restorative and/or preventive exercise for patients requiring these measures is also taught. The therapeutic effects of physical modalities such as hydrotherapy, physiotherapeutic machines and naturopathic manipulation are discussed. Internal and topical therapeutic uses of water are examined, including immersion baths, douching, thermal body wraps and fomentations, colonic irrigation and constitutional hydrotherapy.

### **Health psychology and lifestyle counselling**

Courses in health psychology review current psychological theories and help students acquire practical counselling skills. These courses discuss the importance of the mind-body connection and teach approaches to enhance this connection in patient care. Lifestyle counselling is taught throughout the program.

The ND program's extensive classroom training prepares students for their roles as primary interns co-managing patient care in the Robert Schad Naturopathic Clinic, the main teaching clinic of CCNM. It hosts approximately 25,000 patient visits per year and is equipped with 40 patient treatment rooms and six media-equipped preview/review rooms. The clinic offers a range of services, from IV therapy and lifestyle counselling to hydrotherapy and acupuncture. In addition, students complete a four-month placement in an external clinical site, where they gain in-depth knowledge of the practice of community-based medicine. The external sites are located in five community health centres (Sherbourne Health Centre, Anishnawbe Health Toronto, LAMP Community Health Centre, Parkdale Community Health Centre and Queen West Community Health Centre).

# Course Listing

Course Code	Course Name	Credit Hours
<b>First Year</b>		
ASM102	Asian Medicine I	2.0
ASM103	Asian Medicine Point Location I	2.0
BAS100	Anatomy	13.0
BAS103	Biochemistry	3.0
BAS108	Embryology	1.5
BAS115	Immunology	4.0
BAS116	Physiology I	5.0
BAS117	Physiology II	5.0
BOT101	Botanical Medicine I	2.5
CLE100	Clinic I	1.0
CPH101	Public Health	2.0
HOM100	Homeopathic Medicine I	2.0
NMS101	Ethics and Jurisprudence I	1.0
NPH101	Naturopathic History, Philosophy and Principles	2.0
NPH102	The Art and Practice of Naturopathic Medicine	2.0
NUT102	Clinical Nutrition I	3.0
PHM104	Massage/Hydrotherapy	3.0
PSY103	Health Psychology I	2.5
RES100	Principles in Research	3.0
<b>TOTAL YEAR ONE</b>		<b>59.5</b>
<b>Second Year</b>		
ASM202	Asian Medicine II	2.5
ASM203	Asian Medicine Point Location II	1.0
ASM204	Asian Medicine Point Location III	1.0
BAS205	Microbiology	4.0
BAS208	Pharmacology	5.0
BOT202	Botanical Medicine II	5.0
CLE201	Clinic II	1.0
CLS203	Integrated Clinical Pathology and Diagnostic Assessment	19.0
CLS221	Physical and Clinical Diagnosis Theory	3.0
CLS222	Physical and Clinical Diagnosis Practicum	2.5
FNM201	Foundations of Naturopathic Medicine	2.0
HOM202	Homeopathic Medicine II	3.0
HOM203	Homeopathic Medicine II Clinical Applications	1.0
NUT203	Clinical Nutrition II	4.5
PHM201	Naturopathic Manipulation I	2.0
PSY203	Health Psychology II	1.5
<b>TOTAL YEAR TWO</b>		<b>58.0</b>

### Third Year

ASM302*	Asian Medicine III	3.0
ASM303*	Asian Medicine III Clinical Applications	1.5
BOT302	Botanical Medicine III	6.0
CLE300*	Clinic Observation	3.5
CLE303*	Primary Care	2.0
CLS301	Maternal and Newborn Care	2.0
CLS302	Pediatrics	2.0
CLS304*	Emergency Medicine	1.5
CLS306*	Men's Health/Women's Health	6.0
HOM300	Homeopathic Medicine III	6.0
NMS310	Practice Management I	2.0
NPH305	Integrated Therapeutics I	3.0
NPS315*	In-Office Procedures	2.5
NUT302	Clinical Nutrition III	5.0
PHM301*	Naturopathic Manipulation II	4.0
PHM322	Physical Medicine Theory	3.0
PHM323	Physical Medicine Practicum	1.5
PSY303	Health Psychology III	3.0
RAD302	Radiology and Advanced Imaging	3.0

**TOTAL YEAR THREE (Pre-summer semester) 60.5**

### Third Year Summer Semester

CLE350	Clinic III	17.5
NPH315	Integrated Therapeutics II	4.5

**TOTAL SUMMER SEMESTER YEAR THREE 22.0**

### Fourth Year

CLE412	Clinic IV	17.5
CLE450	Clinic V	17.5
NMS401	Ethics and Jurisprudence II	1.0
NMS410	Practice Management II	1.5
NPH402	Integrated Clinical Studies II	4.5
NPS401	Minor Surgery	0.5

**TOTAL YEAR FOUR 42.5**

\* Courses designated with an asterisk (\*) must have been taken no more than six months prior to commencing CLE350. If more than six months has elapsed from the time a student completed these courses to the commencement of CLE350, the student will be required to pass the Clinic Entrance Readiness Examination to demonstrate his or her competency prior to entry into clinic.

Note: One credit hour is defined as the credit for one lecture hour per week for one term. A full-year course will earn two credit hours for each hour of lecture per week. Lab and practicum hours are credited at a one-half rate (e.g., two hours per week for a term is required to earn one credit hour) and clinic time is credited at a two-thirds rate.

One credit hour = 14 lecture hours

One credit hour = 28 lab, tutorial, practicum or independent study hours

One credit hour = 21 clinic hours

### **How to read course codes**

The following legend will assist you in understanding the course codes. The first three letters indicate the subject (BAS = Basic Sciences). The first number indicates the academic year.

### **Subject Areas**

ASM	Asian Medicine
BAS	Basic Sciences
BOT	Botanical Medicine
CLE	Clinical Education
CLS	Clinical Science
CPH	Community and Public Health
FNM	Foundations of Naturopathic Medicine
HOM	Homeopathic Medicine
NMS	Naturopathic Practice Management Skills
NPH	Naturopathic History and Philosophy
NPS	Naturopathic Practice Clinical Skills
NUT	Nutrition
PHM	Physical Medicine
PSY	Psychology
RAD	Radiology
RES	Research

# Course Descriptions

## Year 1

### **ASM102 Asian Medicine I**

Students focus on the fundamentals of Traditional Chinese Medicine including basic history, philosophy, and development. They are introduced to fundamental theories including Yin/Yang, five elements and Zang-Fu. Therapeutic and diagnostic theories introduced include 8 principles, 6 Pathogenic Factors, Qi, Blood, Body Fluids and 7 emotions. There is discussion on acupuncture channels, pulse and tongue diagnosis as well as other therapies applicable for use in Traditional Chinese Medicine.

### **ASM103 Asian Medicine Point Location I**

The first in a series, this course covers the location, action, surrounding anatomy, and needling methods for acupuncture points. Points and meridians from the 12 regular channels and 8 extra meridians as well as extra points will be covered. (Prerequisite: ASM102; Corequisite: BAS100)

### **BAS100 Anatomy**

With an emphasis on regional, functional and clinically oriented anatomy, this course is a survey of gross regional anatomy of all organ systems and neuroanatomy. Instruction methods include lectures, case studies, study of prosected human cadavers and physical examination. It emphasizes that the function of muscles, joints, and connective and surrounding tissues is complex, integrated and interdependent. Students apply anatomical concepts to the study of the human form as a living, moving entity. Accordingly, students learn skills of observation of movement, posture and tissue tone.

### **BAS103 Biochemistry**

Students learn the nomenclature and control of biochemical pathways at the cell, tissue, and organ level in an integrated approach. They gain an understanding of carbohydrate, fat, protein metabolism and enzyme functions as applied to the human being in health and disease. Cellular biochemistry as related to nutrition is introduced.

### **BAS108 Embryology**

Basic physical mechanisms of human development from conception to shortly after birth are discussed. The normal development of each of the body's systems is reviewed, and examples of how abnormal development may occur are given. (Corequisite: BAS100)

### **BAS115 Immunology**

This course presents the field of immunology with a focus on the host's interaction with an environment containing various potential harmful microbes. It also examines the molecular mechanisms used by the immune system to recognize foreign invaders and describes the process of immune system activation that results from this

recognition. The means by which the stimulated immune system eliminates foreign molecules, cells and organisms is discussed. Clinical aspects of immunology, such as allergy, autoimmunity, immunodeficiency, vaccination and immunity to tumors, are presented as variants of this basic protective function in which the nature of the antigen is the major variable.

### **BAS116     Physiology I**

Students are provided opportunities to explore and incorporate detailed knowledge of the functional organization and operational mechanisms used by cells, tissues, organs and organ systems. The homeostatic functioning of systems and interaction among body systems to produce and maintain states of wellness are addressed. The course provides a basis for examining, critically assessing and testing hypotheses with respect to alterations in the structure and function of the human body at the cellular, tissue and organ level.

### **BAS117     Physiology II**

Physiology II builds on the concepts taught in Physiology I. Emphasis is placed on applied or clinical physiology, where students develop an understanding of the functions of the major systems of the human body in health and disease. Understanding the known mechanisms by which cells and tissues of the body operate to maintain quantitative homeostasis and optimal wellness allows students to appreciate that informed decision-making and professional communication in naturopathic practice are dependent on a fundamental understanding of the capacity and limits of the various basic functions of the human body. Through lectures, practicals, clinical demonstrations and case analyses, students will incorporate their knowledge in physiology in order to assess a diagnosis and apply treatment approaches.

### **BOT101     Botanical Medicine I**

This course provides a foundation for the therapeutic use of botanical medicines in naturopathic practice. The traditional prescription of herbs is discussed within a context of body systems and common pathologies while the study of pharmacognosy provides a framework for understanding the pharmacological aspects of herbs. Students learn how to prepare herbal medicines in naturopathic practice based on an independent group assignment.

### **CLE100     Clinic I**

This course introduces students to naturopathic practice at the Robert Schad Naturopathic Clinic, the teaching clinic of CCNM. Students shadow clinic faculty as they do their rounds at the RSNC, and also have the opportunity to experience a variety of treatments. Students are introduced to the standards of medical record keeping (including SOAP charting), privacy policy and concepts of clinical reasoning.

### **CPH101     Public Health**

This course examines the diversity of determinants affecting the health of populations and communities. Students explore essential concepts of health promotion, disease prevention and healthy community as a foundation for understanding individual patients. The course develops research and analytical skills to examine topics

related to public health. Students are exposed to health promotion processes applied to an actual community setting, learning to create healthier social, economic and natural environments. The role of naturopathic doctor in the delivery of health care is reviewed.

### **HOM100 Homeopathic Medicine I**

This introductory course in homeopathic medicine introduces the basic concepts of homeopathy, including an introduction to the history, repertory and principles of homeopathic treatment, first aid prescribing, acute prescribing and basic case-taking.

### **NMS101 Ethics and Jurisprudence I**

The medico-legal aspects of naturopathic practice in Ontario and other Canadian provinces are examined. The emphasis in first year is on identifying and discussing the ethical duties of naturopathic physicians to their patients, other medical practitioners and to society.

### **NPH101 Naturopathic History, Philosophy and Principles**

This course engages students in an exploration of the basic underlying principles of naturopathic medicine. These principles are understood through philosophical discussion of concepts such as holism, vitalism and health. The historical evolution of medicine and the naturopathic profession are examined. Students will know and understand the Naturopathic Doctor's Oath, and identify what the values and principles in the oath mean to them.

### **NPH102 The Art and Practice of Naturopathic Medicine**

This course explores the many facets of naturopathic medicine, including its major modalities and the manner by which they are incorporated into a unified approach to healing. The major qualities and skills required for naturopathic medicine are addressed in the context of the program, as well as the ongoing experience necessary to cultivate those skills and qualities. The principles discussed in NPH101 are applied in a small group setting. (Prerequisite: NPH101)

### **NUT102 Clinical Nutrition I**

This introductory course examines the relationship between nutrition, health and disease. The structure and function of macro and micro nutrients required for human health are examined as the roles and requirements of vitamins and minerals are introduced. This knowledge builds appreciation for nutritional biochemistry and is the foundation for Clinical Nutrition courses taught in second and third years. (Prerequisite: BAS103)

### **PHM104 Massage/Hydrotherapy**

This course introduces principles of soft tissue manipulation and hydrotherapy through the practice of basic relaxation massage and naturopathic hydrotherapy. Students learn the therapeutic value of touch and bodywork by giving and receiving massage, while the importance and power of water is demonstrated by the practice of naturopathic hydrotherapy. With an emphasis on developing self awareness, presence, respect and healing intent, these key therapeutic tools are instructed in preparation for clinical application. (Corequisite: BAS100)

### **PSY103 Health Psychology I**

This course supports students' understanding of human psychology and the manner that individual factors relate to health, wellness and disease. Year 1 provides a foundation in health psychology theory and research. Basic principles of counselling and intentional interviewing techniques are introduced. Students are challenged to address their own psychological habits, gain insight into their personal patterns of communication, and develop confidence in their clinical interviewing skills.

### **RES100 Principles in Research**

This course introduces the methodological principles of research. It emphasizes the critical assessment of medical literature and highlights published research and research methods relevant to naturopathic medicine. The curriculum allows students to acquire an efficient, critical approach to making clinical decisions based on an objective assessment of medical literature.

## **Year 2**

### **ASM202 Asian Medicine II**

This course focuses on the understanding of Traditional Chinese Medicine (TCM) diagnosis. Students learn etiologies, pathogenesis, pattern identification, and pulse and tongue diagnosis. Other diagnostic theories such as 6 channels, 4 levels and 3 burners are presented. Case studies are implemented in order to facilitate learning. Discussion on the use of acupuncture points is limited as students are not required to take ASM203 concurrently. (Prerequisites: ASM102, BAS100)

### **ASM203 Asian Medicine Point Location II**

This is the second in a series of courses that covers the location, action, surrounding anatomy, and needling methods for acupuncture points on the body. Points and meridians from the urinary bladder, kidney, conception vessel, and governing vessel will be covered. Students performing acupuncture are taught the clean needle technique as per the guidelines for the NCCAOM program. Additionally, students learn how to correctly and safely use acupuncture needles in a clinical setting. (Prerequisites: ASM102, ASM103, BAS100)

### **ASM204 Asian Medicine Point Location III**

This is the final course in a series that covers the location, action, anatomy, and needling methods for acupuncture points on the body. Points and meridians from the stomach, spleen, liver, and gall bladder meridians as well as extra points will be covered. Students performing acupuncture are taught the clean needle technique as per the guidelines for the NCCAOM program. Additionally, students learn how to correctly and safely use acupuncture needles in a clinical setting. (Prerequisites: ASM102, ASM103, BAS100)

### **BAS205 Microbiology**

This course focuses on the role of microorganisms in clinical disease. Students will demonstrate the capacity to track the course of diseases arising from infection, understand transmission modes, and determine appropriate labs for diagnosis of micro-organisms. This course stresses the integration of scientific information with naturopathic approaches. (Prerequisites: BAS107, BAS115)

### **BAS208 Pharmacology**

The study of pharmacological principles develops a strong foundation in understanding the factors that influence drug action. This course examines the indications, mechanisms of action, adverse effects and interactions of the most common pharmaceutical drugs. Case analysis and group research projects develop students' understanding of pharmacological agents and their influences on the practice of naturopathic medicine. (Prerequisites: BAS103, BAS107)

### **BOT202 Botanical Medicine II**

This is the first of two courses that organize the study of herbs based on their specific clinical effects and affinities for different body systems. The course provides training in phytochemistry and the clinical use of whole plants and extracts. Topics include: dosage, indications, contraindications, interactions, prescribing, therapeutic categories of herbs and principles of botanical practice. Empirical data on traditional uses for plants as medicines is integrated with modern scientific research on their pharmacological actions and clinical use. (Prerequisites: BAS107, BOT101)

### **CLE201 Clinic II**

This course allows students to continue the development of their clinical skills through direct contact with patients. Under the mentorship of fourth-year interns and clinical faculty, students perform portions of the patient intake and physical exam on RSNC patients. Students spend time shadowing clinic faculty and their fourth-year mentor, and are assessed on clinical competencies such as patient rapport, intake skills, professionalism and medical record keeping. (Prerequisites: BAS100; Corequisites: CLS203, CLS221, CLS222)

### **CLS203 Integrated Clinical Pathology and Diagnostic Assessment**

This course integrates knowledge of the incidence, etiology, pathology, and progression of common primary care concerns relevant to clinical practice. Students explore and incorporate the functional organization and operational mechanisms used by cells, tissues, organs and systems. As well, students develop the clinical reasoning skills required to develop relevant and appropriate working diagnoses from real-life signs and symptoms presented in clinical practice.

This course also focuses on commonly used laboratory tests including chemistries, hematology, urinalysis and endocrine panels. The advantages and limitations of using laboratory services to diagnose and manage a variety of common diseases will be demonstrated using case histories followed by discussion. The students will interpret and critically evaluate laboratory results and deduce a diagnosis or suggest further tests necessary for differential diagnosis.

Successful course completion of CLS203 enables students to understand basic patterns of human pathologies and their application to varying disease processes, recognize the presentation of life-threatening disorders, identify and interpret clinical manifestations of common diseases, and provide a rationale for underlying treatment. The course serves as a foundation for the clinical reasoning skills used in the practice of primary care. (Prerequisites: BAS100, BAS107; Corequisites: CLS221, CLS222, FNM201)

### **CLS221 Physical and Clinical Diagnosis Theory**

This course develops the skills necessary to conduct a thorough systems-based physical examination. Students will be taught how to engage in effective communication with a patient and how to elicit a complete medical history. They will also learn the technical skills required to perform an exam efficiently and accurately, and how to accurately interpret physical findings. (Prerequisites: BAS100, BAS107; Corequisites: CLS201, CLS202, CLS222, FNM200)

### **CLS222 Physical and Clinical Diagnosis Practicum**

Supervised practical application of the theory students learned in CLS221. (Prerequisites: BAS100, BAS107; Corequisites: CLS201, CLS202, CLS221, FNM200)

### **FNM201 Foundations of Naturopathic Medicine**

Students are engaged in interpreting, debating and assessing the principles and philosophical underpinnings that define naturopathic medicine. Students learn to appreciate how these principles and theories are applied in practice through panel discussions with naturopathic doctors with diverse practice styles and clinical approaches. (Prerequisites: ASM102, BAS100, BAS107, BOT101, HOM100, NUT102)

### **HOM202 Homeopathic Medicine II**

Students study and discuss the underpinning principles and philosophy of homeopathic medicine, using *The Organon of the Medical Art* as a template. As well, students further their knowledge about the history of homeopathy that they gained in HOM100. The *materia medica* of homeopathic remedies will be taught using interactive lectures according to their classification in the animal, plant or mineral kingdoms, as well as the families and/or groups within the kingdoms. The course is taught with textbooks and computer software. Students will have the choice to acquire their required material in either hard copy book format or software format. (Prerequisite: HOM100; Corequisite: HOM203)

### **HOM203 Homeopathic Medicine II Clinical Applications**

Homeopathic repertory, case taking, posology, and case analysis are covered in detail. This course integrates knowledge from HOM202 with the practical application of homeopathy through repertorization and case analysis, and provides a clinical basis to help orient students to the practice of homeopathy. The principles of single-remedy prescribing are taught in accordance with *The Organon of the Medical Art*. The course uses textbooks and computer software. (Prerequisite: HOM100; Corequisite: HOM 202)

### **NUT203 Clinical Nutrition II**

This course outlines objective evidence in the field of nutritional science as it relates to health promotion, disease prevention and disease treatment. The focus is on diet and lifestyle-based interventions. The goal is to provide students with evidence-based intervention plans that safely and effectively facilitate the primary care management of presenting metabolic diseases. (Prerequisite: NUT102)

### **PHM201 Naturopathic Manipulation I**

This course introduces students to the assessment and examination of the vertebral column and the costo-sternal and costo-vertebral joints. It also covers the

examination of extremities, and provides an introduction to motion palpation and the static assessment of the vertebral column and pelvis. Students learn to assess and diagnose various peripheral joint irregularities. (Prerequisite: BAS100)

### **PSY203 Health Psychology II**

This course deepens students' understanding of health psychology and encourages them to explore counselling as a naturopathic modality. Year 2 builds on the foundation established in Year 1 and teaches students to consider the relationships between thoughts, emotions, behaviours and health. The course also introduces concepts in behavioural medicine relevant to the clinical practice of naturopathic medicine and encourages students to utilize applied counselling skills. (Prerequisite: PSY103)

## **Year 3**

### **ASM302 Asian Medicine III**

Various allopathic diagnoses are considered from an Asian medicine perspective. Common pathologies are discussed in terms of their etiology, pathogenesis, TCM pattern identification, acupuncture treatment prescriptions and adjunct treatment options. Students are taught the main TCM patent herbal formulas used in clinical practice. Adjunct therapies such as cupping, moxibustion, scalp acupuncture, auricular acupuncture and various needling techniques are taught and later performed in ASM303. (Prerequisites: ASM202, ASM203, ASM204, CLS221, CLS222; Corequisite: ASM303)

### **ASM303 Asian Medicine III Clinical Applications**

The focus of this course is the application of various treatment strategies and prescriptions covered in ASM302. Students practice advanced needling techniques such as free-hand, tonification and sedation maneuvers, and De Qi sensations. Adjunct therapies practiced include cupping, moxibustion, scalp acupuncture and auricular acupuncture. Additionally, students explore case studies in a problem-based format to gain a better understanding of TCM diagnosis, treatment and therapeutic effect. (Prerequisites: ASM 202, ASM203, ASM204; Corequisite: ASM302)

### **BOT302 Botanical Medicine III**

This course continues the examination of herbs based on their clinical effects on different body systems, focusing on indications, dosage, contraindications, interactions and associated pharmacological data. Empirical data on the traditional uses of plants as medicines is integrated with scientific research on their pharmacological and clinical actions. Formulation and prescribing principles are presented. (Prerequisites: BAS206, BOT202, CLS201)

### **CLE300 Clinic Observation**

Students shadow clinical faculty and assist fourth-year interns at the Robert Schad Naturopathic Clinic and satellite teaching clinics. The course provides an opportunity to develop skills in physical examination, medical history taking, case analysis and treatment planning, and prepares students for the role of primary intern in their final year of study. (Prerequisites: CLE200, CLS201, CLS202, CLS221, CLS222; Corequisite: CLE303)

### **CLE303 Primary Care**

Primary care standards govern the systematic process of symptom/sign recognition, cost-effective laboratory investigation, procedural diagnosis and case management. Students will learn to identify, analyze and manage clinical problems in order to provide effective and efficient patient care. Competencies achieved in this course provide the foundation for clinical rotations, independent medical practice, and postgraduate training. The Objective Structured Clinical Examination (OSCE) is part of the evaluation of this course. (Prerequisites: BAS206, CLS201, CLS202, CLS221, CLS222, FNM200; Corequisite: CLE300, NPH305)

### **CLS301 Maternal and Newborn Care**

Students are provided with the fundamental knowledge of prenatal, labour, delivery, and postpartum physiological processes. The pathophysiology, diagnosis and treatment of common complaints and pathologies of pregnancy and postpartum periods are addressed to allow recognition of high-risk birthing situations. Students will learn to determine appropriate allopathic as well as integrative naturopathic approaches during the childbearing year, and inform patients of natural childbirth options. (Prerequisites: BAS206, CLS201, CLS202, CLS221, CLS222)

### **CLS302 Pediatrics**

This course examines the growth, development and health promotion of pediatric patients. It also examines pediatric conditions and case management. Students practice their skills in taking a medical history and performing a physical exam on children of varying ages. They also learn how to manage the dosing of pediatric patients and how to engage in effective parent education. Emphasis is placed on developing a creative and flexible approach to pediatric care and the importance of referral and contraindications to treatment. (Prerequisites: BAS206, CLS201, CLS202, CLS221, CLS222)

### **CLS304 Emergency Medicine**

Students learn the key principles of basic life support and develop thought processes required to effectively handle emergency situations. Clinically relevant case scenarios and supervised practical sessions are presented. The RSNC emergency procedures are incorporated to prepare students to implement protocols during their internship. Successful graduates will possess the knowledge, skill and experience to develop emergency protocols for their clinical practice. (Prerequisites: BAS206, CLS201, CLS202, CLS221, CLS222)

### **CLS306 Men's Health and Women's Health**

This course provides students with a comprehensive overview of the most commonly seen health concerns related to men's and women's health in clinical practice. Students will develop their ability to perform gender-specific physical examinations and interpret relevant lab results. They will also be exposed to a variety of primary care treatment options. (Prerequisites: BAS206, CLS201, CLS202, CLS221, CLS222)

### **HOM300 Homeopathic Medicine III**

Clinical exposure to case taking, case analysis and case management are the focus of this course, which consolidates knowledge from HOM100, HOM202 and HOM203.

Real cases are presented and managed by advanced practitioners who are experienced in the field of homeopathic medicine. This gives students the opportunity to witness various styles of homeopathic practice rooted in a classical homeopathic approach. Additionally, students prepare for their internship through independent study of acute and first aid *materia medica*. (Prerequisites: HOM202, HOM203)

### **NMS310 Practice Management I**

The goals of this course are to provide students with a general knowledge of business concepts, practices and activities and to give them a framework for understanding the steps in the development of their future business as a naturopathic doctor. The course will guide the student towards understanding the business purpose, targeting patient segments, attracting and retaining patients, marketing, and understanding a variety of business models. Double entry accounting will also be introduced. Students are to develop their presentation skills, begin the development of a business plan and interact with experienced practitioners.

### **NPH305 Integrated Therapeutics I**

This course is a companion to Standards in Primary Care (CLE303). Integrated Therapeutics I discusses and evaluates the best practices in therapeutic intervention for commonly seen conditions in primary care. Naturopathic principles and philosophy are aligned in patient management, and the naturopathic therapeutics including, but not limited to Asian medicine, botanical medicine, clinical nutrition, counselling, homeopathic medicine, lifestyle modification, nature cure, pharmaceuticals and physical medicine. These are discussed in the context of commonly seen conditions. (Corequisite: CLE303)

### **NPS315 In-Office Procedures**

Students learn the procedures needed to obtain a good quality specimen (i.e., blood, hair, skin, throat, and urine) for testing, which include patient preparation, collection of the specimen, processing the specimen, and storing and/or transporting the specimen. Students develop an appreciation for the clinical utility of parenteral therapies by naturopathic doctors, and learn how to administer intramuscular injections. The course also covers the administration of naturopathic parenteral preparations of therapeutic benefit to patients. Topics include vitamins, minerals, chelators, immune stimulation, botanical and homeopathic preparations. (Prerequisites: BAS100, NUT202; Corequisites: CLS304, NPS314, NUT302)

### **NUT302 Clinical Nutrition III**

The application of biomedical and clinical sciences to nutrition offers students valuable perspectives on the treatment and prevention of disease, and health optimization. This course is taught in modules, including biochemical individuality, clinical nutritional examination, and the toxicology of commonly used vitamins. (Prerequisites: CLS201, CLS202, NUT202)

### **PHM301 Naturopathic Manipulation II**

This course exposes students to the clinical assessment and treatment of subluxations/fixations in the cervical, thoracic, lumbar and sacroiliac portions of the axial skeleton, as well as costo-sternal, costo-vertebral and peripheral articulations. Clinical assessment of the subluxation/fixation complexes primarily involves the use of

motion palpation of these areas, augmented with instruction in static palpation and basic visual assessment techniques. Treatment of subluxation/fixation complexes will be accomplished by high velocity, low amplitude spinal and peripheral manipulative techniques. Indications, contraindications, and appropriate referral for spinal and peripheral joint manipulative therapy will also be discussed. (Prerequisite: PHM201)

### **PHM322 Physical Medicine Theory**

This course explores the history taking and clinical evaluation of musculoskeletal disease and injury, and the appropriate management of these conditions using naturopathic modalities. Students learn a system of evaluation for clinically significant orthopedic pathologies, differential diagnoses and principles of rehabilitation for each condition. Physical examination by body region is emphasized as a means of identification and diagnosis of various conditions. Rehabilitation is directed by the stage of healing and body part injured. The focus is on the application of manual techniques, hydrotherapy principles, patient education, exercise and utilization of therapeutic machines including ultrasound, TENS and interferential current. (Prerequisites: BAS100, CLS201, CLS221, CLS222, PHM201; Corequisite: PHM323)

### **PHM323 Physical Medicine Practicum**

The physical medicine practicum develops skills and integrates principles presented in PHM312. Hands-on sessions in small tutorial groups are conducted under the guidance of experienced practitioners in the field of physical medicine. (Prerequisites: CLS201, CLS221, CLS222, PHM201; Corequisite: PHM322)

### **PSY303 Health Psychology III**

Health Psychology III focuses on selected clinical topics of significance including: stress management, health maintenance, adaptation to chronic illness, life span challenges, psychopathology, and crisis intervention. This course provides students with opportunities to integrate skills, model psychological adjustment, and gain the confidence necessary to maintain healthy relationships with patients when engaging in therapeutic conversation. (Prerequisite: PSY203)

### **RAD302 Radiology and Advanced Imaging**

Diagnostic imaging modalities, image acquisition techniques, and their indications and benefits are presented with contraindications and risks for a variety of cases. Congenital anomalies and normal variants will be explored, as well as other more serious pathological conditions. Cases presented stress the importance of integrating imaging and lab results to formulate a diagnosis. (Prerequisites: BAS206, CLS201)

## **Year 3 (Summer Semester)**

### **CLE350 Clinic III**

Students work as primary interns under the supervision of licensed naturopathic doctors and are responsible for managing the care of patients in the Robert Schad Naturopathic Clinic and possibly one of its satellite teaching clinics. Students are required to demonstrate the competencies outlined in the *Primary Intern Clinic Manual* and to complete all relevant requirements. (Prerequisite: Successful completion of all courses in Years 1 and 2 and terms one and two of Year 3.)

Note: Courses designated with an asterisk (\*) in the course listing section must have been taken no more than six months prior to commencing CLE350. If more than six months have elapsed, the student is required to pass the Clinic Entrance Readiness Examination to demonstrate competency prior to starting CLE350. Additionally, if a student is away from clinic for greater than six months for any reason, the student will be required to pass the Clinic Entrance Readiness Examination before resuming as a primary intern.

### **NPH315 Integrated Therapeutics II**

Integrated Therapeutics II course is a continuation of NPH305, and occurs concurrently with the clinical internship. The objective is to discuss and evaluate the best practices in therapeutic intervention for commonly seen conditions in primary health care. Naturopathic principles and philosophy are aligned in patient management, and the naturopathic therapeutics including, but not limited to Asian medicine, botanical medicine, clinical nutrition, counselling, homeopathic medicine, lifestyle modification, nature cure, pharmaceuticals and physical medicine. These are discussed in the context of commonly seen conditions. Primary, secondary and tertiary prevention strategies will also be discussed. (Prerequisite: NPH305, CLE303)

## **Year 4**

### **CLE412 Clinic IV**

Students further develop their skills as primary interns treating patients in the Robert Schad Naturopathic Clinic and possibly a satellite teaching clinic, supervised by licensed naturopathic doctors. Students are required to demonstrate the competencies outlined in the *Primary Intern Clinic Manual* and to complete all relevant requirements. (Prerequisite: CLE350)

Note: If a student is away from clinic for longer than six months for any reason, the student will be required to pass the Clinic Entrance Readiness Examination before resuming as a primary intern.

### **NMS401 Ethics and Jurisprudence II**

The course concludes the study of the medico-legal aspects of naturopathic practice. Civil litigation is emphasized as it relates to medical malpractice. Students are taught how to provide written and oral testimony as expert witnesses. The business aspects of establishing a practice are also discussed, including topics such as commercial leases, employment arrangements and partnership law. (Prerequisite: NMS101)

### **NMS410 Practice Management II**

The goals of the course are to build on the skills learned in NMS310, providing students with a general knowledge of business concepts, practices and activities, and to give them a framework for understanding the steps in the development of their future business as a naturopathic doctor. This course will guide the student toward understanding the basic financial statements of a business, and the skills needed to start and develop a successful practice. Students will develop a formal business plan suitable for presentation to a financial institution. (Prerequisite: NMS310)

### **NPH402    Integrated Clinical Studies II**

Integrated Clinical Studies II continues to integrate and build the knowledge and skills taught in the curriculum of the previous program years. The core content is the art and science of naturopathic clinical practice, which involves a thoughtful integration of biomedical sciences, epidemiology, pathophysiology, assessment, diagnosis, philosophy and therapeutic intervention and/or referral. (Prerequisite: NPH304)

### **NPS401    Minor Surgery**

Minor surgery is not within the scope of practice for naturopathic doctors in Ontario. This course prepares the student for more advanced training in those jurisdictions where such licensing applies. This introductory course covers minor surgical procedures such as suturing and lancing of wounds. The use of topical anesthetics and basic surgical instrumentation are reviewed.

### **CLE450    Clinic V**

Students further develop their skills as primary interns treating patients in the Robert Schad Naturopathic Clinic and possibly a satellite teaching clinic, supervised by licensed naturopathic doctors. Students are required to demonstrate the competencies outlined in the *Primary Intern Clinic Manual* and to complete all relevant requirements. (Prerequisite: CLE412).

Note: If a student is away from clinic for longer than six months for any reason, the student will be required to pass the Clinic Entrance Readiness Examination before resuming as a primary intern.

# Prerequisite Sciences

## Introduction

CCNM requires applicants to have completed several courses in pre-medical sciences to be eligible for admission into the full-time Doctor of Naturopathic Medicine (ND) program. To accommodate the growing number of interested applicants who lack these specific prerequisites, CCNM offers a selection of courses through part-time study in its Continuing Education Department. Applicants should note that taking the prerequisite courses at CCNM (as compared to taking them at another accredited university) does not provide any advantage regarding possible acceptance into the ND program. Also, as these courses are not part of a formal degree program, they are not normally transferable to other academic institutions, with the possible exception of some institutions accredited by the Council on Naturopathic Medical Education.

Prerequisite Sciences are offered twice per year. Classes take place in the evenings and on weekends to allow students to continue to work during their studies.

## Admission Requirements

Prerequisite Sciences registrants must have completed a minimum of two years (10 full courses, 60 credit hours) towards a baccalaureate degree. This requirement must be completed prior to commencement of any prerequisite sciences courses and may not be taken concurrently. Transcripts must be submitted prior to course registration. Completion of prerequisite sciences courses does not guarantee admission into the ND program at CCNM.

Registrants for Organic Chemistry (SOC100) and Biochemistry (SBC100) who have not enrolled in the General Chemistry course offered by CCNM must previously have successfully completed a university-level General Chemistry (with lab) course.

## Courses Offered

Course Name	Credit Hours	Course Equivalent	Course Code
General Chemistry (with lab)	6	General Chemistry	SGC100
Organic Chemistry (with lab)	3	Organic Chemistry	SOC100
Biochemistry	3	Biochemistry	SBC100
General Biology	6	Biology	SBI100
Introductory Psychology	6	Psychology	SPS100
Physiology* (effective Sept 2011)	6	Physiology (to be offered in spring 2010)	SPH100

CCNM does not offer a course in the humanities. Applicants lacking a humanities prerequisite are encouraged to contact Student Services at 1-866-241-2266 ext. 245 or info@ccnm.edu for recommendations.

\* A full credit (six credit hours) of Physiology will be required as a prerequisite for those applying to enter the ND program in September 2011. Physiology will be offered as a prerequisite science course in spring 2010.

## Course Descriptions

### General Chemistry (SGC100)

General Chemistry is an intensive course that provides an introduction to the fundamentals of chemistry. It is a demanding, fast-paced course, taught at the first-year university level. There are no prerequisites; however, high school chemistry and biology will prove helpful to the student. The course is designed to cover the fundamental aspects of chemistry, including chemical laws, reaction stoichiometry, thermochemistry, quantum mechanics, electrochemistry, chemical kinetics, and acids and bases. The application of these knowledge areas to naturopathic medicine is incorporated throughout the course. General Chemistry serves as a foundation both for subsequent prerequisite sciences courses and for the ND program. The lab component allows students to experience practical applications of chemistry, which enhance and reinforce the material covered in the lectures. There is no required textbook; however, students might find a standard general chemistry textbook useful for reference and/or additional exercises. Courseware and a lab kit will be provided. The course includes four mandatory lab sessions. Lectures are interactive and require student participation.

### Organic Chemistry (SOC100)

Prerequisite: General Chemistry

Organic Chemistry is an intensive, introductory course, taught at the first-year university level. The course is designed to provide students with a fundamental knowledge of organic chemistry, covering topics such as chemical reactivity, reaction pathways, stereochemistry, alcohols, ketones, aldehydes, carboxylic acids and amines. The application of these knowledge areas to naturopathic medicine is incorporated throughout the course. Organic Chemistry will provide a necessary foundation for the ND program. The lab component allows students to experience practical applications of organic chemistry, which enhance and reinforce the material covered in the lectures.

There is no required textbook; however, students may find a standard introductory organic chemistry textbook useful for reference and/or additional exercises. Lectures are interactive and require student participation. Courseware and lab kit will be provided.

### Biochemistry (SBC100)

Prerequisite: General Chemistry

Biochemistry is an intensive, introductory course, taught at the first-year university level. The course is designed to provide students with a solid foundation of

biochemistry and to prepare them for the ND program. Biochemistry is an in-depth course and covers topics such as carbohydrates, proteins, lipids, digestion and metabolism, the Krebs cycle, glycolysis, and gluconeogenesis. The application of these knowledge areas to naturopathic medicine is incorporated throughout the course.

There is no required textbook; however, Lippincott's *Biochemistry Review, 3rd edition* is recommended (this textbook is also used in the ND program). Courseware will be provided. The lectures are interactive and require student participation.

### **Biology (SBI100)**

This course will provide students with a core foundation in cellular and molecular biology and establish a basis for applying biological concepts to the human body. Students will learn to use relevant terminology and concepts in a biological and clinical context. In addition, students will acquire an understanding of the known mechanisms by which cells and organisms function and achieve homeostasis. Courseware will be provided.

### **Psychology (SPS100)**

The objective of this course is to survey the field of psychology and to provide students with a foundation in psychological theory and principles. This course is designed to directly support students as they continue their naturopathic medical education, and is presented in a humanities framework that includes naturopathic philosophies. The course will increase the students' scientific understanding of human nature and their appreciation of humans as psycho-physiological beings. Courseware will be provided.

## **2009 Course Dates**

Prerequisite Sciences are offered twice per year. Classes take place in the evenings and on weekends to allow students to continue to work during their studies. Students who are required to take all five prerequisite courses should expect to complete them over a five-month period.

<b>Course Title</b>	<b>Session One</b>	<b>Session Two</b>
General Chemistry	March 2 to April 9, 2009	July 13 to August 20, 2009
Organic Chemistry	April 16 to May 29, 2009	September 15 to November 12, 2009
Biochemistry	May 25 to July 2, 2009	November 9 to December 17, 2009
Biology	April 15 to August 19, 2009	September 9 to December 9, 2009
Psychology	May 5 to July 28, 2009	September 9 to November 24, 2009

## **Registration and Payment Information**

Course registration will remain open until two days prior to the start of the course or until the course reaches maximum enrolment, whichever comes first. Upon registration in any prerequisite sciences course, a tuition deposit is required to confirm the intent to enrol in the course. Registrants will be notified of the date and time for course registration. On the first day of classes, students are required to sign

an official course registration form and pay all related fees. At that time, the student will be issued a student number, and CCNM's *Student Handbook* and ID card.

Credit cards will be accepted for deposits only. All other payments must be made by cash, cheque or money order. A detailed course syllabus, book list, courseware and lab kit (if required) will be provided by the course instructor on the first day of class. Students enrolled in Prerequisite Sciences at CCNM are bound by the academic policies and student code of conduct as outlined in CCNM's *Student Handbook*.

## Tuition and Other Related Fees

Prerequisite Sciences Course	Tuition Fee	Deposit	Courseware/Lab Fee
General Chemistry	\$1,000	\$200	\$75
Organic Chemistry	\$2,000	\$200	\$100
Biochemistry	\$1,000	\$200	\$50
Biology	\$2,000	\$200	\$50
Psychology	\$2,000	\$200	\$50

**Registrants who enrol in all five courses pay a maximum of \$5,500 in tuition plus the cost of courseware and lab fees. A \$1,000 deposit will apply.**

## Refund Information

Once an applicant confirms attendance in a course(s) by submitting the required tuition deposit, the following refund policy will apply:

### **Withdrawal notice received within two weeks prior to the start of the course:**

The applicant will receive a 100 per cent refund minus a \$100 registration fee and any applicable lab costs.

### **Withdrawal notice received after the start of the course:**

When a student withdraws after a course has started but prior to its midway point, the refund will be the course cost minus a \$100 registration fee and any earned tuition. Refunds will be calculated based on the date that written notification indicating the intent to withdraw is received by CCNM. Once the course reaches the midpoint, no refunds will be awarded.

Earned tuition will be calculated on a course-by-course basis using the following formula:

$$\text{(Course Tuition / Total Number of Classes)} \times \text{Number of Classes Taken Place} \\ = \text{Total Earned Tuition}$$

## Contact Information

For further information about Prerequisite Sciences, please contact the Student Services Department at 1-866-241-2266 ext. 245 or info@ccnm.edu.

# Continuing Education

CCNM's School of Continuing Education is committed to supporting both professional development and public education by providing the highest standards of teaching and evaluation. Professional-level continuing education courses are a critical tool for advancing the knowledge of naturopathic doctors, students and other health-care professionals. CCNM's general interest courses are designed to help members of the public understand the numerous aspects and applications of naturopathic medicine.

The following is a sampling of the courses that will be offered in 2009-2010. For details, visit the Continuing Education section of the website at [www.ccnm.edu](http://www.ccnm.edu).

## **Prerequisite Sciences**

- General Chemistry
- Organic Chemistry
- Biochemistry
- Biology
- Psychology

## **Professional Development**

- Healthy Breast Teacher Training
- Doula Training for Naturopathic Doctors
- Master Manipulation
- Parenteral Therapy and Refresher
- Facial Rejuvenation Acupuncture
- CPR – Healthcare Provider Level C

## **General Interest**

- Detoxification
- Boosting Your Immune System
- Implementing an Ayurvedic Lifestyle
- Taking the Cap Off Supplements
- Introduction to Herbal Medicine
- Mindfulness-Based Wellness Education

# Overview of Regulation and Licensure

## **Canada**

Naturopathic practice is regulated under provincial law in four provinces: British Columbia, Manitoba, Saskatchewan and Ontario. Alberta is presently waiting approval of its regulations and Nova Scotia has legislation which provides Title Protection. Regulated naturopathic doctors are required to complete a minimum of three years of pre-medical studies at a recognized university, four years of full-time naturopathic education at a CNME-accredited naturopathic college, and pass rigorous regulatory board examinations that are standardized for North America.

For information on the practice of naturopathic medicine in Canada, contact the Canadian Association of Naturopathic Doctors/Association Canadienne des docteurs en naturopathie.

416-496-8633 or 1-800-551-4381

info@cand.ca

www.cand.ca

## **Ontario**

The profession of naturopathic medicine has been regulated since 1925 in Ontario. The Board of Directors of Drugless Therapy - Naturopathy maintains a list of all naturopathic doctors who have met the requirements outlined above and passed provincial board examinations. Each active registrant is required to obtain 30 continuing education credits in each 24-month period.

Board of Directors, Drugless Therapy - Naturopathy (BDDTN)

Tel: 416-866-8383

office@bddtn.ca

www.boardofnaturopathicmedicine.on.ca

Ontario Association of Naturopathic Doctors (OAND)

Tel: 416-233-2001

info@oand.org

www.oand.org

## **British Columbia**

Naturopathic doctors have been licensed in BC since 1936. Provincial licensing is conducted by The College of Naturopathic Physicians of British Columbia (CNPBC). Registered NDs in BC must complete 40 hours of approved continuing education within any 24-month period.

CNPBC

Tel: 604-688-8236

office@cnpsc.bc.ca

www.cnpsc.bc.ca

British Columbia Naturopathic Association  
Tel: 800-277-1128  
bcna@bcna.ca  
www.bcna.ca

### **Alberta**

The naturopathic profession is included under the Health Professions Act (HPA) in Alberta. Regulations for the profession have been drafted and are expected to be in place by the end of 2009. Continuing competence requirements (formerly known as continuing education) need to be met yearly. Restricted activities in Alberta are highly regulated and strictly enforced. Practitioners must meet the requirements for the restricted activities they perform in their practice and must maintain competence for them.

Alberta Association of Naturopathic Practitioners  
Tel: 403-266-2446  
www.naturopathic-alberta.com

### **Saskatchewan**

Saskatchewan Association of Naturopathic Practitioners  
(regulatory body/provincial association)  
Tel: 306-955-2633  
registrar@sanp.ca  
www.sanp.ca

### **Manitoba**

Manitoba Naturopathic Association  
(regulatory body/provincial association)  
Tel: 204-947-0381  
info@mbnd.ca  
www.mbnd.ca

### **New Brunswick**

New Brunswick Association of Naturopathic Doctors  
Tel: 506-773-5053; fax: 506-773-5056

### **Newfoundland and Labrador**

Newfoundland and Labrador Association of Naturopathic Doctors  
Tel: 709-722-4232  
natpatkat@yahoo.ca

### **Nova Scotia**

Nova Scotia Association of Naturopathic Doctors  
Tel: 902-542-5560  
www.nsand.ca

## **United States of America**

At present, NDs are licensed in 15 U.S. states: Alaska, Arizona, California, Connecticut, Hawaii, Idaho, Kansas, Maine, Minnesota (effective July 2, 2009), Montana, New Hampshire, Oregon, Vermont, Utah and Washington, plus the District of Columbia. NDs are also licensed in Puerto Rico and the U.S. Virgin Islands.

Active legislation campaigns to license NDs are underway in Florida, Massachusetts, Missouri, North Carolina and New York.

The American Association of Naturopathic Physicians (AANP)

Tel: 202-895-1392

[www.naturopathic.org](http://www.naturopathic.org)

## **Licensing Examinations**

To obtain a naturopathic medical diploma or degree that qualifies the recipient to sit for a licensing examination in a province or state with a licensing board and standards of practice, students must have attended a CNME-approved naturopathic medical program following three years of standard pre-medical education. Some naturopathic medical programs require a baccalaureate from an approved university as a prerequisite for entry into the program.

## **NPLEX (Naturopathic Physicians Licensing Examination)**

NPLEX is the standard examination used by all licensing jurisdictions for naturopathic physicians in North America. It includes five basic science exams (anatomy, physiology, pathology, immunology, biochemistry, and microbiology) that are taken after the first two years of naturopathic medical school. The clinical science examinations are taken following graduation (after the fourth year of school). They include: physical, clinical and lab diagnosis, diagnostic imaging, botanical medicine, clinical nutrition, physical medicine, homeopathy, psychology, emergency medicine and pharmacology. Individual jurisdictions may require additional examinations in minor surgery and acupuncture before complete licensure.

Passing the NPLEX is only one aspect of the requirements to become licensed in any of the jurisdictions, and passing the exams does not guarantee that the examinee will be licensed.

## **North American Board of Naturopathic Examiners (NABNE)**

NABNE is a non-profit organization established in 1999. Its purpose is:

- To set policies regarding the qualifications of applicants to sit for NPLEX;
- To set policies regarding the administration of the NPLEX;
- To verify the qualifications of applicants to take the NPLEX; and
- To administer those examinations at testing sites in the U.S. and Canada.

For more information visit [www.nabne.org](http://www.nabne.org).

# Board of Governors

**Kim Piller**, B.Comm. (Chair)  
Director of Sales, North America  
Metagenics Canada, Inc.  
Mississauga, ON

**Rudy Breda**, CA (Vice Chair/Treasurer)  
Director of Finance  
The Moro Group Builders Inc.  
Toronto, ON

**Neil Davis**, LLB  
Partner, David Webb LLP  
Toronto, ON

**Rita Ferrari**, B.Sc.  
Toronto, ON

**Malcolm Heins**, BA, LLB  
Chief Executive Officer  
Law Society of Upper Canada  
Toronto, ON

**Aaron Hoo**, B.Sc., ND  
Doctors' Choice Nutrition  
Vancouver, BC

**Colin Huska**, B.Sc., ND  
Sage Elements Naturopathic Clinic  
Halifax, NS

**Melissa Johnson**, ND  
Senior Policy Analyst, Office of  
Pediatric Initiatives  
Health Canada  
Ottawa, ON

**Mary-Ellen Kelly**, BPE, D.OHS, ND  
(Vice-Chair)  
Absolute Health Clinic  
Toronto, ON

**Adele Malo**, LLB  
Executive VP, Legal, Government &  
Regulatory Affairs and General Counsel  
Direct Energy Marketing Ltd.  
Toronto, ON

**Carol Morley**, B.Kin., ND  
Zawada Health  
Mississauga, ON

**Amel Oudhini**  
Student Governor CCNM - Class of 2011

**Eileen Tobey**, APR, F(CPRS)  
Toronto, ON

**Barbara Weiss**, ND  
Private Practice  
Toronto, ON

## Non-Voting Representatives

**Bob Bernhardt**, B.Sc., M.Ed., LLM, PhD  
President/CEO  
CCNM

**Kim Fisher** (Secretary)  
Executive Assistant, President's Office  
CCNM

**Afsoun Khalili**, ND (Faculty Representative)  
Clinic Supervisor/Assistant Professor  
CCNM

**Tara Snyder** (Staff Representative)  
Clinic Services Manager  
CCNM

# Institute of Naturopathic Education and Research (INER)

The Institute of Naturopathic Education and Research (INER) was incorporated under the *Corporations Act (Ontario)* in 1984. INER is registered as a charitable organization under the federal *Income Tax Act*. INER operates CCNM and the Robert Schad Naturopathic Clinic. CCNM receives no direct government funding.

CCNM's board of governors consists of naturopathic doctors and laypersons from a variety of disciplines who are elected by INER members. The Board's mandate is to govern the organization that is the Corporation (INER) operating as the Canadian College of Naturopathic Medicine (CCNM), with a strategic perspective through effective policy governance and assurance of executive performance that allows the vision and ends of the organization to be achieved with excellence.

## **INER Associate Membership**

The \$25 annual membership fee opens the door to valuable connections with practicing NDs. Students receive an invitation to the INER annual general meeting and special events.

## Alumni Association

CCNM's Alumni Association offers graduates a comprehensive benefits package, including a 30 per cent discount on continuing education courses, access to the Learning Resources Centre (includes remote access to EZProxy), free practice opportunity listings on the website, discounts on clinic supplies, CD containing charts and forms used at RSNC, free copy of NDAssist and updates, and free electronic compilations of Grand Rounds presentations. INER membership is an option that all alumni are encouraged to exercise. The Alumni Association membership also includes an engraved, sterling silver class ring for all graduates. Please visit the Alumni Association section of the website at [www.ccnm.edu](http://www.ccnm.edu) for more information or to register online. You may also contact the alumni office directly at [alumni@ccnm.edu](mailto:alumni@ccnm.edu) or 416-498-1255 ext. 255.

# Privacy Policy

## The CCNM Commitment to Privacy

CCNM values your right to personal privacy and is committed to protecting your personal information.

The CCNM privacy policy states our commitment to the rights of patients, employees, donors, students, and the general public regarding personal information collection, use, retention and disclosure. Our privacy policy and Code of Personal Information Practices comply with the federal *Personal Information Protection and Electronic Documents Act* (the “Act”) as well as Ontario’s *Personal Health Information Protection Act*.

### **What is personal information?**

Personal information is defined as information about an identifiable individual. For example, an individual’s home address, personal e-mail address and home phone number are all considered to be personal information.

### **What is personal health information?**

Personal health information with respect to an individual, whether living or deceased, means:

- a) information concerning the physical or mental health of the individual;
- b) information concerning any health service provided to the individual;
- c) information concerning the donation by the individual of any body part or any bodily substance of the individual or information derived from the testing or examination of a body part or bodily substance of the individual;
- d) information that is collected in the course of providing health services to the individual; or
- e) information that is collected incidentally to the provision of health services to the individual.

### **What is not personal information?**

Business information such as suppliers’ names and company addresses, company e-mail addresses, and company phone numbers are not considered personal information. In addition, the name, title or business address or telephone number of a CCNM employee is not personal information. This information is not protected under the law.

**CCNM collects personal information for the following reasons:**

- to establish and maintain a responsible relationship with you and provide you with ongoing service and information;
- to understand your needs and develop and recommend suitable services;
- to manage and develop our activities and operations, including personnel, academic, employment and patient matters; and
- to meet legal, financial and regulatory requirements.

Your personal information will not be collected, used or disclosed in relation to any commercial activities undertaken by CCNM, without your prior consent.

**Code of personal information practices**

Safeguarding your personal information has always been a priority at CCNM. As such, we have developed and implemented a formal policy and code outlining our obligations with respect to the use, collection and disclosure of personal information.

**Students, faculty, clinic interns, employees, and agents**

Students, faculty, clinic interns and other agents representing CCNM sign a confidentiality agreement with the College and clinic that requires the proper safeguarding, collection, use and disclosure of personal information. We also place strict controls on the protection and use of personal information within our systems and ensure that authorized faculty, employees and other agents working on our behalf are committed to respecting your privacy at all times.

**Disclosure**

We do not trade, lease, or sell your personal information or your personal health information. However, you should be made aware that personal information is not protected from access by law enforcement agencies, life-threatening emergencies, internal security protection, collection agencies or when requested by court authorities.

**Questions or concerns**

If you have questions or concerns about your privacy, please contact Keith Pownall, LLM, legal counsel, at ext. 258.

# Faculty

<b>Name</b>	<b>Credentials</b>	<b>Title</b>
Adams, Bill	B.Sc., DC, Simon Fraser University, Western States Chiropractic College	Assistant Professor
Ahuja, Minda	BA, ND, University of Ottawa, CCNM	Teaching Assistant
Andrews, Douglas	B.Sc., ND, Queen's University, CCNM	Teaching Assistant
Bakir, Nadia	B.Sc., ND, FCAH, DHANP, University of Toronto, Ontario College of Naturopathic Medicine, Canadian Academy of Homeopathy, Diplomate, Homeopathic Academy of Naturopathic Physicians	Associate Professor, Clinic Supervisor
Barlow, Kerry	B.Sc., ND, University of Guelph, CCNM	Teaching Assistant
Beaton, Graham	BH.Sc., ND, University of Western Ontario, CCNM	Clinic Supervisor, Assistant Professor
Berg, Deborah	BPE, ND, University of Alberta, CCNM	Teaching Assistant
Blok, Rebecca	B.Eng., ND, McGill University, CCNM	Assistant Professor
Bizios, Vivian	BAS, ND, Ryerson University, CCNM	Clinic Supervisor, Assistant Professor
Blyden-Taylor, Kimberlee	BA, ND, Columbia University, CCNM	Associate Dean, Clinical Education
Browman, Jessica	BA, ND, University of Toronto, CCNM	Teaching Assistant
Brydges, Glenys	BA, ND, Trent University, Ontario College of Naturopathic Medicine	Associate Professor
Burns, Shelley	BA, ND, Wilfred Laurier University, CCNM	Clinic Supervisor, Assistant Professor
Burman, David	DDS, DDPH, M.Sc., PhD, University of Toronto	Professor
Carino, Jasmine	B.Sc., ND, Laurentian University, CCNM	Associate Dean, Curriculum and Residency Program
Caversan, Amauri	B.Sc., ND, University of Espirito Santo (Brazil), CCNM	Teaching Assistant
Chow, Gabriella	B.Sc., ND, McGill University, CCNM	Clinic Supervisor, Assistant Professor
Copping, Valerie	BA, MA, Wilfrid Laurier University, Norwich University	Psychological Consultant
Cooley, Kieran	B.Sc., ND, M.Sc. (Cand.), University of Saskatchewan, CCNM, University of Toronto	Research Fellow, Assistant Professor
Creech, Allison	BA, ND, Duke University, CCNM	Assistant Professor
Davis, Paul	B.Sc., ND, University of Toronto, Ontario College of Naturopathic Medicine	Clinic Supervisor, Assistant Professor
DeGroot, Nick	B.Sc., ND, University of Toronto, CCNM	Dean
Doran, Lisa	B.Sc., ND, University of Waterloo, CCNM	Clinic Supervisor, Associate Professor

Dunk, Ken	DC, ND, FCAH, Canadian Memorial Chiropractic College, Ontario College of Naturopathic Medicine, Canadian Academy of Homeopathy	Clinic Supervisor, Associate Professor
El-Hashemy, Shehab	MBChB, B.Sc., HBSc., ND, Cairo University (Egypt), Lakehead University, CCNM	Associate Dean, Academic Delivery
Facca, Melanie	B.Sc., ND, University of Waterloo, CCNM	Assistant Professor
Fasihi, Reza	B.Sc., ND, University of Victoria, CCNM	Teaching Assistant
Feldman, David	B.Sc., DC, York University, Canadian Memorial Chiropractic College	Teaching Assistant
Fraser, Ian	BA, M.Sc., PhD, University of Western Ontario, Dalhousie University	Associate Professor
Gabison, Liz	B.Sc., DC, University of Toronto, Canadian Memorial Chiropractic College	Teaching Assistant
Georgousis, Alexia	BPE, ND, University of Calgary, CCNM	Clinic Supervisor, Associate Professor
Gilbert, Cyndi	BA, ND, Trent University, CCNM	Assistant Professor
Godfrey, Anthony	DVT, PhD, ND, UCLA, Ontario College of Naturopathic Medicine	Adjunct Professor
Gowan, Matt	B.Sc., ND, University of Waterloo, CCNM	Clinic Supervisor Assistant Professor
Gratton, Adam	B.Sc., ND, University of Toronto, CCNM	Clinic Resident
Greenspoon, Elisse	B.Sc., B.Ed., D.C., University of Western Ontario, University of Toronto, CCNM	Teaching Assistant
Greib, Lowell	B.Sc., M.Sc., ND, University of Waterloo, CCNM	Clinic Supervisor, Associate Professor
Grossman, Jay	M.Sc., D.C., University of Guelph, Canadian Memorial Chiropractic College	Associate Professor
Hall, Alexander	B.Sc., ND, University of Guelph, CCNM	Clinic Supervisor, Assistant Professor
Henry, Nicole	B.Sc., ND, McMaster University, CCNM	Clinic Resident
Heritage, Philipa	B.Sc., PhD, Immunology, McMaster University	Assistant Professor
Hillier, Jennifer	B.Sc., ND, Queen's University, CCNM	Clinic Supervisor, Assistant Professor
Huff, Hal	BA, ND, Lakehead University, CCNM	Clinic Supervisor, Associate Professor
Hussein, Hind	B.Sc., M.Sc., Omdurman Ahlia University, University of Khartoum	Laboratory Coordinator
Jenab, Arvin	B.Sc., ND, McGill University, CCNM	Clinic Supervisor, Assistant Professor
Jiwa, Mubina	B.Sc., ND, University of British Columbia, CCNM	Clinic Supervisor, Teaching Assistant
Jones, Julian	Doctor of Chinese Herbal Medicine & Acupuncture, Institute of Acupuncture and Traditional Chinese Medicine, Toronto	Teaching Assistant

Kanner, Daniel	BA, York University	Teaching Assistant
Kassam, Neemez	M.Sc., ND, Bastyr University, CCNM	Associate Professor
Kawasaki, Misa	B.Sc., ND, University of Waterloo, CCNM	Teaching Assistant
Kellerstein, Rebecca	B.Sc., ND, University of Toronto, CCNM	Teaching Assistant
Kennedy, Deborah	B.Sc., MBA, ND, Queen's University, University of Alberta, CCNM	Teaching Assistant
Khalili, Afsoun	B.Sc., ND, Concordia University, CCNM	Clinic Supervisor, Assistant Professor
Kiani, Payam	B.Sc., ND, McMaster University, CCNM	Teaching Assistant
Konstantinou, Tina	B.Sc., ND, University of Guelph, CCNM	Clinic Supervisor, Teaching Assistant
Kwok, Maria	B.Sc., ND, University of Guelph, CCNM	Teaching Assistant
Lad, Ajay	B.Sc., ND, Queen's University, CCNM	Clinic Supervisor, Assistant Professor
Laic, Carol	B.Sc., M. Ed., ND, University of Toronto, CCNM	Associate Professor
Lapointe, Kerri-Lynn	B.HSc., ND, University of Western Ontario, CCNM	Teaching Assistant
Larry, Jodi	BA, ND, University of Western Ontario, CCNM	Teaching Assistant
Lerman, Dana	BA, ND, York University, CCNM	Teaching Assistant
Loken, Jason	BA, RMT, ND, University of Victoria, Canadian College of Massage & Hydrotherapy, CCNM	Associate Professor
Ma, Carole	B.Sc., ND, University of Toronto, CCNM	Clinic Supervisor, Assistant Professor
MacDonald, Mary	B.Comm, B.Sc., ND, Dalhousie University, CCNM	Teaching Assistant
Macchia, Lisa	B.Sc., RMT, University of Toronto, Canadian College of Massage & Hydrotherapy	Teaching Assistant
Margaritis, John	B.Sc., ND, University of Windsor, CCNM	Teaching Assistant
McConnell, Sean	BA, ND, Concordia University, CCNM	Teaching Assistant
Meyer, Caroline	BA, ND, McMaster University, CCNM	Clinic Supervisor, Teaching Assistant
Milic, Helen	BA, RMT, University of Toronto, Canadian College of Massage Therapy	Teaching Assistant
Montgomery, Kaleb	Doctor of Traditional Chinese Medicine, B.Sc., International College of TCM Vancouver, University of Toronto	Assistant Professor
Moore, Robert	B.Sc., PhD, Leeds University (UK)	Associate Professor
Moss, Kate	BA, RMT, University of Guelph, Canadian College of Massage & Hydrotherapy	Teaching Assistant
Munkley, Alyson	BA, ND, Queen's University, CCNM	Teaching Assistant
Nandy, Atanu	MD, PhD, (Microbiology), University of Calcutta, Mangalore University	Associate Professor
Nesbitt, Drew	BA, Doctoral Diploma TCM, Brock University, Toronto School of Traditional Chinese Medicine	Teaching Assistant

Ng, Jeffrey	B.Sc., University of Toronto	Teaching Assistant
Nicholl, Daniel	B.Sc., ND, McGill University, CCNM	Teaching Assistant
Oomen, Jennifer	BA, RMT, University of Toronto, Centennial College	Teaching Assistant
Pachkovskaja, Nellie	MD, CMS (PhD), University of Medicine (USSR)	Professor, Senior Coordinator
Papadogianis, Peter	B.Sc., M.Sc., ND, University of Toronto, CCNM	Clinic Supervisor, Associate Professor
Parikh-Shah, Sejal	B.Sc., ND, University of Toronto, CCNM	Clinic Supervisor, Assistant Professor
Patel, Poonam	B.Sc., ND, University of Toronto, CCNM	Teaching Assistant
Patel, Rita	B.Sc., ND, University of Toronto, CCNM	Clinic Supervisor, Assistant Professor
Peacock, Jodie	B.Sc., ND, University of Guelph, CCNM	Clinic Supervisor, Teaching Assistant
Pickrell, Chris	B.Sc., ND, University of Calgary, CCNM	Clinic Resident
Pownall, Keith	BA, LLB, University of Toronto, University of Windsor	Associate Professor, Legal Counsel
Proctor, Cheryl	BA, RMT, ND, Hartwick College (NY), Ontario College of Massage, Ontario College of Naturopathic Medicine	Adjunct Associate Professor
Prousky, Jonathan	B.Sc., BPHE, ND, FRSH, University of Toronto, Bastyr University Fellow – Royal Society for the Promotion of Health	Chief Naturopathic Medical Officer, Professor
Pugliese, Connie	B.Sc., ND, York University, CCNM	Teaching Assistant
Rennie, Pat	B.Sc., ND, University of Guelph, Ontario College of Naturopathic Medicine	Clinic Supervisor, Associate Professor
Ristok, Erika	BA, ND, McMaster University, CCNM	Clinic Supervisor, Assistant Professor
Rock, Francis	Doctor of Traditional Chinese Medicine, International College of Traditional Chinese Medicine	Teaching Assistant
Rouchotas, Philip	B.Sc., M.Sc., ND, University of Guelph, CCNM	Assistant Professor
Rusyniak, Stefan	M.Sc., University of Toronto	Assistant Professor
Sabbagh, Laurent	B.Sc., M.Sc., Ph.D., McGill University, Université Laval, McGill University	Assistant Professor
Sachdev, Amita	B.ScN, ND, University of Toronto, CCNM	Clinic Supervisor, Teaching Assistant
Salsberg, Michael	FCFP, MD, College of Family Physicians University of Toronto	Clinic Consultant
Santilli, Antonio	B.Sc., MBA, York University	Teaching Assistant
Saunders, Paul	PhD, ND, DHANP, Duke University (USA), Ontario College of Naturopathic Medicine, National College of Naturopathic Medicine, Diplomate Homeopathic Academy of Naturopathic Physicians	Adjunct Professor

Shainhouse, Jill	B.Sc., ND, University of Western, CCNM	Clinic Supervisor, Teaching Assistant
Sharma, Kavita	B.Sc., ND, McMaster University, CCNM	Teaching Assistant
Singh, Onkar	B.Sc., ND, McMaster University, CCNM	Clinic Supervisor, Assistant Professor
Slipacoff, Susan	B.Sc., ND, University of Western Ontario, CCNM	Clinic Supervisor, Assistant Professor
Solomonian, Leslie	B.Sc., ND, University of Guelph, CCNM	Assistant Professor
Sufi, Jasmine	B.Sc., B.HSc., University of Toronto, Charles Turt University	Teaching Assistant
Tebruegge, Peter	B.Sc., RMT, ND, University of Windsor, Ontario Business College, CCNM	Assistant Professor
Terzic, Ljubisa	MD, University of Sarejevo	Associate Professor
Tokiwa, Jonathan	B.ScN, RN, ND, University of Toronto, Seneca College, CCNM	Clinic Supervisor, Assistant Professor
Truscott-Brock, Erin	B.Sc., ND, University of Toronto, CCNM	Clinic Supervisor, Assistant Professor
Tsui, Teresa	B.Sc., ND, University of Toronto, CCNM	Clinic Supervisor, Teaching Assistant
Uraz, Zeynep	B.Sc., ND, Acadia University, CCNM	Clinic Supervisor, Assistant Professor
Vu, Alan	B.Sc., ND, University of Toronto, CCNM	Clinic Supervisor, Assistant Professor
Weidenfeld, Hana	MD, ND, University of Cluj-Napoca, Romania, CCNM	Clinic Supervisor, Assistant Professor
Welch, Mary	DC, ND, Canadian Memorial Chiropractic College, CCNM	Clinic Supervisor, Assistant Professor
Whitaker, Kim	B.Sc., ND, McMaster University, CCNM	Clinic Supervisor, Assistant Professor
Willms, Heidi	BA, ND, Brock University, CCNM	Clinic Supervisor, Teaching Assistant
Wright, Masina	BA Alternative Medicine, ND, Middlebury College, CCNM	Clinic Supervisor, Assistant Professor
Xin, Rong	BM.Sc., M.Sc., ND, China Medical University, Memorial University of Newfoundland, CCNM	Teaching Assistant
Yang, Ellice	B.HSc., B.Sc., Charles Sturt University, University of Toronto	Teaching Assistant
Zambri, Rena	B.Sc., ND, FCAH, University of Toronto, CCNM, Fellow of the Canadian Academy of Homeopathy	Clinic Supervisor, Associate Professor
Zeifman, Mitchell	B.Sc., ND, University of Toronto, CCNM	Clinic Supervisor, Assistant Professor

Note: This list is as complete and accurate as possible at time of printing.