

2019 - 2020

COURSE CATALOG



SCNM

SOUTHWEST COLLEGE OF
NATUROPATHIC MEDICINE
& HEALTH SCIENCES



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& HEALTH SCIENCES

COURSE CATALOG

Southwest College of Naturopathic Medicine & Health Sciences

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SCNM Medicinary

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SCNM is a tax-exempt, not-for-profit corporation accredited by the Higher Learning Commission and approved to offer degrees by the Arizona Naturopathic Physicians Board of Medical Examiners and Arizona State Board of Private Postsecondary Education. SCNM's ND program is accredited by the Council on Naturopathic Medical Education (CNME).

SCNM does not discriminate on the basis of race, ethnicity, gender, social-economic background, religion, sexual orientation, gender expression or identity, age, disability, veteran status, nationality, thinking styles, or life experiences in the administration of educational policies, admission policies, financial aid, employment, or any other program or activity.

Table of Contents

President’s Message.....	3
Vision, Mission, Core Values, & Strategic Plan.....	4
Institutional Information.....	5
Institutional Learning Outcomes.....	5
Institutional Information.....	5
SCNM Medical Facilities.....	6
Oversight.....	7
Academic Calendar.....	8
Admissions Policies.....	9
Tuition and Fees.....	12
Financial Policies.....	13
Distance Learning.....	16
Institutional Policies.....	17
Student Support Services.....	28
Student Policies.....	29
Doctor of Naturopathic (ND) Program.....	36
Masters Programs.....	37
SCNM Faculty and Administration.....	1122

President's Message



President's Welcome from Southwest College of Naturopathic Medicine and Health Sciences

Southwest College of Naturopathic Medicine & Health Sciences is guided by these six principles: 1) First to do no harm; 2) Support the healing power of nature; 3) Identify and treat the cause; 4) Treat the whole person; 5) Practice prevention; and, 6) Doctor as teacher.

The SCNM 2019-2020 Catalog lays out the course of study—the curricula and courses—that engages and educates students in the art and science of Naturopathic Medicine, Clinical Nutrition, and Nutrition Business Leadership. Invisible to the reader, however, are the thousands of hours of refinement, preparation, and continuous improvement by faculty and staff to make the Catalog come to life as the SCNM experience. Over the past eight years, SCNM engaged faculty, administration, and staff, including learning specialists and instructional designers, to guide curriculum revisions, introduce team-based learning, and develop hybrid and online courses. This commitment to student learning and the future of healthcare fuels our drive for excellence. The success of our graduates depend on it!

Peace,

A handwritten signature in black ink that reads "Paul Mittman". The signature is fluid and cursive, with a prominent loop at the end.

Paul Mittman, ND, EdD
President/CEO, SCNM

Vision, Mission, Core Values, & Strategic Plan

Vision, Mission, Core Values, & Strategic Plan

Vision

A world that embraces the healing power of nature

Mission Statement

SCNM is a school of medicine and health sciences grounded in naturopathic principles. Dedicated to the ideal that everyone deserves high quality health care, we engage students in rigorous innovative academic programs, discover and expand knowledge, and empower individuals and communities to achieve optimal health.

Value Proposition

Challenge your mind and engage your heart to change lives through healthcare at a school of medicine and health sciences renowned for its dynamic culture of innovation and collaboration.

Core Values

SCNM embraces the following values:



Strategic Plan

Academic Excellence

SCNM engages students in a world-class academic program designed to develop their professional identity in a rapidly changing healthcare system. The College enrolls and graduates outstanding candidates, recruits expert faculty, develops healthcare partnerships, and expands research to ensure SCNM graduates are among the most successful clinicians and leaders.

Effective Healthcare

SCNM physicians and students engage patients in high-quality naturopathic patient care across all clinical sites. Exceptional value and customer service go hand in hand with consistent clinical outcomes.

Healthy and Safe Campus

SCNM promotes a culture of safety, health, inclusiveness, and well being. Employees, students, patients, and community members participate in cardiovascular, stress reducing, and lifestyle-empowering activities.

Continuous Improvement through Advanced Analytics

Building upon the academic assessment, faculty development plans, and student retention and graduation infrastructure, SCNM employs predictive modeling and other advanced analytics to guide educational, clinical, research, human resources, and financial decision-making.

Mission-focused Growth and Sustainability

SCNM's mission guides revenue growth and diversification. The College increases public awareness of naturopathic medicine; pursues new opportunities for philanthropic funding; maximizes profitability at the Medical Center, Neil Riordan Center for Regenerative Medicine, and Medicinary; and develops successful new educational and clinical programs. SCNM continues the campus transformation with renovations, equipment, and furnishings in the Academic, Community Commons, and Medical Center/Administration buildings.

Institutional Learning Outcomes

Graduates of all SCNM programs are expected to demonstrate the following knowledge, skills, and attitudes upon completion of their prescribed program:

1. Depth and breadth of knowledge of their discipline
2. Application of basic sciences to their field of study
3. Ethics and professionalism
4. Skills for scholarship and lifelong learning

Institutional Information

Location

SCNM is situated in Tempe, Arizona—a sophisticated city of culture and learning. SCNM shares Tempe with Arizona State University, thereby providing our students with a rich college atmosphere and an abundance of affordable housing, research, and entertainment opportunities. Tempe is a great place to learn, live, work, and play.

Phoenix

Tempe is part of the Greater Phoenix Metro area, one of the top ten largest metropolitan areas in the United States. The “Valley of the Sun” has all the diversity of big-city life without the big-city cost. Among these assets are flat terrain, simple transportation routes, and a light-rail system. Not only is the transportation system evolving, but the housing communities provide comfortable, affordable homes for new and longtime residents.

With 300 days of sunshine each year, the Phoenix Metro area is a haven for outdoor enthusiasts. Students enjoy hiking, biking, boating, swimming, golf, tennis, horseback riding, and even skiing and snowboarding during the winter months in beautiful northern Arizona. They also enjoy weekend and day trips to breathtaking Sedona, Tucson, the Grand Canyon, Mogollon Rim, and the White Mountains.

Entertainment venues, fine dining, and shopping settings are plentiful, as well as countless golf courses. Along with the cosmopolitan treasures of the Herberger Theatre, Ballet Arizona, The Phoenix Symphony, and the world-renowned Heard Museum, the cities that make up Greater Phoenix are home to numerous professional sports teams including the Arizona Cardinals, Phoenix Suns, Arizona Diamondbacks, and Phoenix Coyotes. Tempe is also a sports mecca with the ASU Sun Devils, Phoenix Rising, Insight Bowl, spring training for Major League Baseball, the annual Rock ‘N’ Roll Arizona Marathon, and the Ironman Arizona Triathlon.

Phoenix is fortunate to be a growing city with a healthy economy. Uniquely, the cost of living in Phoenix and Tempe is lower relative to other metropolitan cities housing naturopathic colleges.

SCNM Community

The Tempe campus includes the SCNM Medical Center and Neil Riordan Center for Regenerative Medicine located in the SCNM Community Commons, which convey the excitement and enthusiasm that the staff, faculty, and students bring to the SCNM community. SCNM is a highly respected source of information in the natural healthcare field. SCNM’s faculty, staff, and administrators collaborate to deliver a bold, innovative, and dynamic education. Those who spend time on campus know that SCNM’s sense of community makes these goals a reality.

The SCNM Community Commons, a LEED platinum-certified building, features the integrative Neil Riordan Center for Regenerative Medicine, teaching kitchen, yoga studio, a medical library, Bourneman Board room with hi-definition teleconferencing, auditorium, classrooms, 18 group study/meeting rooms, weight and cardio room, student lounge, wellness rooms, café, and SCNM Medicinary. The first building of its kind at any naturopathic college, the Commons engages the public as it reshapes the SCNM experience. The SCNM campus also generates clean electricity, provides shade, and reduces energy costs through the installation of solar-panel-covered structures over 80% of all parking spaces. Abundant light, evidence-based design, and sustainable and non-toxic materials create an atmosphere that delights the eye as it inspires healing, learning, and community engagement. The top-of-the-line Steelcase furnishings are functional and environmentally sustainable, providing students, patients, and the public comfortable and ergonomically sound seating throughout the Community Commons.

The academic buildings are well equipped to serve the needs of the community. SCNM classrooms, SCNM medical facilities, and the Community Commons are equipped with presentation technology and wireless internet. In addition, computers are available for student use throughout the College library and at the SCNM Medical Center. To top it all off, the beauty of the medicinal gardens creates an atmosphere for community learning, campus events, and medical conferences. The gardens also provide botanicals for classroom instruction and lab experiences.

Founded principally by naturopathic physicians Michael and Kyle Cronin, SCNM is one of only five recognized schools of naturopathic medicine in the United States. It is also the first medical school in the Phoenix Metropolitan area.

Institutional Information

Prospective students are invited to experience SCNM by touring the campus and/or sitting in on a class or a clinical shift. Visit the SCNM website for more information. or call 480-858-9100 to speak with an admission representative and schedule your visit to SCNM.

Student Community

The student community at SCNM includes people from diverse backgrounds and experiences with a shared commitment to naturopathic medicine and associated disciplines. Student demographic information is available on the Student Consumer Information page on the SCNM website.

SCNM Medical Facilities

SCNM Medical Center

The SCNM Medical Center is a fragrance-free facility consisting of natural and recycled building materials and nontoxic paint. It is designed to support and enhance patient care and student learning through indoor healing spaces.

The SCNM Medical Center creates a clinical environment unique to any naturopathic clinical setting. Hydrotherapy, a core modality in naturopathic medicine and an important component of European water spas, comprises nearly thirty percent of the Center and includes a custom-designed steam area, two saunas (far infrared/radiant), and a hydrotherapy/color therapy suite. There are also two minor surgery suites with high definition video equipment for recording or transmitting certain procedures, with patient consent, for learning purposes. Intravenous therapies, which can be a prominent treatment method for many health conditions, are provided in the IV Suite.

Neil Riordan Center for Regenerative Medicine

For two generations the name Riordan has been synonymous with medical advances harnessing the body's innate healing ability. The Neil Riordan Center for Regenerative Medicine at SCNM will build on this legacy, turning the tide from symptom suppression to regeneration and healing. Opened in late 2018 and replacing the Pain Relief Center, the Neil Riordan Center for Regenerative Medicine is located in a beautiful 6,200-square foot space on the ground floor of the SCNM Community Commons building. Through patient care, research, and medical education, the Neil Riordan Center for Regenerative Medicine helps to usher in a new era in the treatment of pain and chronic disease by:

- Developing innovative, safe, effective and promising practices for patients suffering from pain
- Training the next generation of physicians skilled in Regenerative Medicine
- Building the foundation for in vitro and clinical research in regenerative medicine to explore new treatments and explicate their mechanisms of action

Equipment and Technology

In addition to serving patients' health needs, the SCNM Medical Center and Neil Riordan Center for Regenerative Medicine are the primary sites for naturopathic medical students' clinical training. Designed with video technology in each of the 6 classrooms and 27 exam rooms, these SCNM medical facilities support student learning in the clinical environment. Corporate sponsors donated large LCD monitors to each classroom which enhance the physicians' ability to use online resources, display a patient's electronic health record (EHR), and closed-circuit observation of exam rooms when appropriate. This technology allows students to gain immediate feedback from their attending physician. In addition, state-of-the-art medical equipment in each exam room was donated by Welch-Allyn. Naturopathic medical student learning is supported through the Clinical Resource Center, a specialized clinical collection that is an extension of the SCNM Library. The collection features resources in naturopathic modalities including acupuncture, botanical medicine, nutrition, homeopathy, hydrotherapy, and environmental, physical, and mind-body medicine. The SCNM Library subscribes to electronic books, journals, and specialized medical and naturopathic databases that supplement the on-campus print resources.

Thanks to a generous contribution from American Medical Solutions (AMS), one of healthcare's premiere Electronic Health Records (EHR) companies, SCNM became the first naturopathic medical school to implement EHR. The utilization of EHR increases medical research opportunities and enhances patient benefits through electronic record keeping and communication among the SCNM Medical Facility physicians and other healthcare providers.

SCNM Laboratory

The SCNM Medical Center Laboratory is a CLIA moderate complexity laboratory and accredited by COLA. Students are required to participate in laboratory posts in which they gain a finer understanding of laboratory diagnostic tests as well as OSHA and CLIA standards. While on laboratory post, naturopathic medical students have the opportunity to collect and prepare samples and perform CLIA-waived testing.

Institutional Information

While some laboratory testing is done on site, the SCNM Medical Center laboratory also contracts with Laboratory Corporation of America (LabCorp) and Sonora Quest Laboratories for standard diagnostic tests. The laboratory utilizes 15 additional specialty labs for testing not available at LabCorp or Sonora Quest.

SCNM Medicinary

The SCNM Medicinary, located in the Community Commons, is Arizona's largest natural medicinary with the largest inventory of homeopathic medicines and botanical tinctures in Arizona. Naturopathic medical students are required to participate in a medicinary post in which they mix herbal tinctures, learn inventory management, and provide customer service. The Medicinary serves the patients of in-house physicians, providers across the Greater Phoenix area, and the general public.

Naturopathic Extended Site Community Clinics

Hamilton Elementary School Clinic

Pediatric and adult medicine
2020 W. Durango, Phoenix, AZ 85009
www.msdaaz.org/hamilton

Mission of Mercy Mobile Clinics

Community Health
<https://www.amissionofmercy.org/arizona/>

Christ the King Catholic Church Community Center
1616 E. Broadway Road, Mesa, AZ

Maryvale Church
3201 N. 51st Avenue, Phoenix

Black Family and Child Services
1522 E. Southern Avenue, Phoenix

Shepherd of the Valley Lutheran Church,
1500 W. Maryland Avenue, Phoenix

Phoenix Rescue Mission – Changing Lives

Substance abuse rehabilitation
1801 S. 35th Avenue, Phoenix, AZ 85009
www.phoenixrescuemission.org

Roosevelt Health Center

Pediatric and adult family medicine, community health education
6000 S. 7th Street, Phoenix, AZ 85042
www.rsd.k12.az.us

Sojourner Center

Women and children, victims of domestic violence
PO Box 20156, Phoenix, AZ 85036
www.sojournercenter.org

Southwest Center for HIV/AIDS

HIV/AIDS treatment center
1101 N. Central Avenue, Suite 200, Phoenix, AZ 85007
www.swhiv.org

World of Addiction & Health Institute (WAHI) Center

Substance abuse rehabilitation
550 W. Indian School Road, Suite 122, Phoenix, AZ 85013

Oversight

Academic Accreditation

The Arizona State Board of Private Postsecondary Education granted a license to SCNM as a degree-granting institution in April 1993 to offer the Doctor of Naturopathic Medicine Program. In October 2018, SCNM was granted a license to offer the Master of Science in Clinical Nutrition and Master of Science in Nutrition Business Leadership Programs.

SCNM's naturopathic medical program is accredited by the Council on Naturopathic Medical Education (CNME), the programmatic accreditor for naturopathic medicine program. A copy of the CNME Handbook for Accreditation for Naturopathic Medical Colleges and Programs is available in the College Library.

SCNM's is also accredited by the Higher Learning Commission (HLC).

For additional information, please contact:

Arizona State Board for Private Postsecondary Education

1400 W. Washington, Room 260
Phoenix, AZ 85007
Tel: (602) 542-5709 | azppse.gov

Council on Naturopathic Medical Education

342 Main Street, PO Box 178, Great Barrington, MA 01230
Tel: (413) 528-8877 | Fax: (413) 528-8880
www.cnme.org

Higher Learning Commission

230 S. LaSalle Street, Suite 7-500, Chicago, IL 60604
Tel: (312) 263-0456 | Fax: (312) 263-7462
www.hlcommission.org

Institutional Information

Academic Calendar

Fall Quarter

October 7, 2019 - January 3, 2020

Sep 30 - Oct 4	ND New Student Orientation
Oct 7	Fall Classes Begin
Oct 7 - 18	ND Add/Drop Didactic Courses
Oct 11	Last Day to Pay Tuition & Fees
Nov 18 - 22	Winter Quarter Registration
Nov 28 - 29	Thanksgiving - College/Medical Center Closed
Dec 16 - 20	ND Final Exams
Dec 20	ND End of Fall Quarter
Dec 21	Graduation Ceremony
Dec 23 - Jan 3	ND Student Recess - Didactic Only
Dec 23 - Jan 3	ND Clinic Rotations (Break Weeks 1 & 2)
Dec 24 - 25	Holiday - College/Medical Center Closed
Dec 27	ND Final Grades Due
Dec 31 - Jan 1	New Year's - College/Medical Center Closed

Spring Quarter

April 6, 2020 - July 5, 2020

Mar 30 - Apr 3	ND New Student Orientation
Apr 6	Spring Classes Begin
Apr 6 - 8	MS Add/Drop Courses
Apr 6 - 17	ND Add/Drop Didactic Courses
Apr 10	Last Day to Pay Tuition & Fees
May 15	MS Mid Quarter (End of Week 6)
May 18 - 22	Summer Quarter Registration
May 25	Memorial Day - College/Medical Center Closed
Jun 15 - 19	ND Final Exams
Jun 19	ND End of Spring Quarter
Jun 20	Graduation Ceremony
Jun 22 - Jul 3	ND Student Recess - Didactic Only
Jun 22 - 26	ND Clinic Rotations (Break Week 1)
Jun 24	ND Final Grades Due
Jun 26	MS End of Spring Quarter
Jun 27 - Jul 3	MS Student Recess
Jun 29 - Jul 2	ND Clinic Rotations (Break Week 2)
Jul 1	MS Final Grades Due
Jul 3	Independence Day - College/Medical Center Closed

Winter Quarter

January 6, 2020 - April 5, 2020

Jan 6	Winter Classes Begin
Jan 6 - 17	ND Add/Drop Didactic Courses
Jan 10	Last Day to Pay Tuition & Fees
Jan 20	Martin Luther King - College/Medical Center Closed
Feb 4	ND NPLEX Basic Science Exam*
Feb 5 - 7	ND NPLEX Clinical Science Exam
Feb 17 - 21	Spring Quarter Registration
Mar 16 - 20	ND Final Exams
Mar 20	ND End of Winter Quarter (Except Q8)
Mar 23 - 27	ND Q8 Final Exams
Mar 23 - 27	ND Clinic Rotations (Break Week 1)
Mar 23 - Apr 3	ND Student Recess - Didactic Only (Except Q8)
Mar 25	ND Final Grades Due (Except Q8)
Mar 27	ND Q8 End of Winter Quarter
Mar 28	ND White Coat Ceremony
Mar 30 - Apr 3	ND Clinic Rotations (Break Week 2)
Mar 30 - Apr 3	ND Q8 Student Recess
Apr 1	ND Q8 Final Grades Due

Summer Quarter

July 6, 2020 - October 5, 2020

Jul 6	Summer Classes Begin
Jul 6 - 8	MS Add/Drop Didactic Courses
Jul 6 - 17	ND Add/Drop Didactic Courses
Jul 10	Last Day to Pay Tuition & Fees
Aug 4	ND NPLEX Basic Science Exam*
Aug 5 - 7	ND NPLEX Clinical Science Exam
Aug 14	MS Mid Quarter (End of Week 6)
Aug 17 - 21	Fall Quarter Registration
Sep 7	Labor Day - College/Medical Center Closed
Sep 14 - 18	ND Final Exams
Sep 20	ND End of Summer Quarter (Except Q8)
Sep 21 - 25	ND Q8 Final Exams
Sep 21 - 25	ND Clinic Rotations (Break Week 1)
Sep 21 - Oct 2	ND Student Recess - Didactic Only (Except Q8)
Sep 23 - 27	ND Final Grades Due (Except Q8)
Sep 25	ND Q8/MS End of Summer Quarter
Sep 26	White Coat Ceremony
Sep 28 - Oct 2	ND Q8/MS Student Recess
Sep 28 - Oct 2	ND Clinical Rotations (Break Week 2)
Sep 30	ND Q8/MS Final Grades Due

Admissions Policies

Applicant Selection

Southwest College of Naturopathic Medicine & Health Sciences selects candidates for admission who exhibit the necessary motivation, intelligence, perseverance, and character essential for becoming a healthcare professional. Applicants are considered on the basis of academic performance, occupational history, professional potential, maturity, concern for others, and emotional maturity. Prospective students who wish to enter the degree program in the 2019-2020 academic year must meet and adhere to all institutional admission policies and requirements as well as any admission policies and requirements for their prescribed program of study. (See Admission Requirements for prescribed program of study.)

Application for Admission

Please contact the Admissions Office for assistance or more information at (480) 858-9100 or visit our website at www.scnm.edu.

Please see admission requirements for prescribed program for application links and requirements.

Deadline for Application

SCNM accepts applications on a rolling basis until all spaces are filled. Application deadlines are listed below. Candidates are encouraged to apply on or before the early decision date.

SPRING START (mid-April)

Early Decision: August 1 of prior year

Priority Deadline: December 1 of prior year

FALL START (early October)

Early Decision: November 1 of prior year

Priority Deadline: March 1 of same year

Applicants/Students with Disabilities

SCNM welcomes applications from students from all backgrounds and does not discriminate on the basis of race, ethnicity, gender, social-economic background, religion, sexual orientation, gender expression or identity, age, disability, veteran status, nationality, thinking styles, or life experiences. SCNM is committed to complying with all applicable provisions of the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973.

It is SCNM policy not to discriminate against any qualified student or applicant with regard to any terms or conditions because of such individual's disability or perceived disability,

so long as the student can perform the essential functions of the program. Consistent with this policy, the College will provide reasonable accommodations to a qualified individual with a disability, as defined by the ADA, who has made SCNM aware of his or her disability, provided that such accommodation does not constitute an undue hardship to SCNM.

Persons with disabilities who possess the required abilities and meet all academic qualifications for admission are encouraged to apply for admission. Applicants to the Doctor of Naturopathic Medicine program must also meet the technical standards. (See Doctor of Naturopathic Medicine Technical Standards for details.) A completed Accessibility Intake Form and adequate documentation must be submitted to the Dean of Students prior to matriculation.

Matriculated students with disabilities who believe they need a reasonable accommodation to perform the essential functions of a student must contact the Dean of Students to make appropriate arrangements prior to the beginning of each quarter. Students will be required to provide substantive evidence of a disability as defined by the ADA and complete the Accessibility Intake form on MySCNM.

If a student, after following SCNM procedures, believes SCNM is not fulfilling its responsibilities under the ADA or other acts, they may contact the Dean of Students for further advice and assistance. If the matter remains unresolved, the student may file a complaint with the Human Resource Office (compliance officer for the ADA and Rehabilitation Act).

Admissions Decision

It is the responsibility of the Admissions Committee to select applicants who are best qualified to complete the required training and most likely to succeed in the program. Applicants are selected for admission to SCNM based not only on their scholastic achievements and ability, but also on their experience and their intellectual, physical, and emotional capabilities to meet the requirements of the SCNM curriculum and have a successful career. The Admissions Committee recognizes that academic competency is essential for success in graduate and medical school. Intellectual curiosity and undergraduate grades help to demonstrate academic competency. The Admissions Committee exercises its judgment on behalf of SCNM. The Committee considers academic ability as well as character, extracurricular achievement, commitment to service, and overall suitability for the profession based on information in the student's application, letters of recommendation, and, for the ND program, personal interviews.

Admissions

The Admissions Committee makes the final decision regarding an applicant's admission. The decision may be one of the following:

- Accepted – all admission requirements are met
- Accepted with provisions – must meet admission requirements prior to matriculation
- Application pooled – admission decision pending review of additional information
- Admission denied – applicants who are denied may reapply after one (1) year

The Admissions Department will notify the applicant in writing of the decision. Applicants will also receive a personalized link to view their application status and decision. Admitted students must remit a non-refundable deposit and signed enrollment agreement by the date stipulated in their acceptance letter to hold a place in the class. The deposit is credited toward the first quarter's tuition. All application files are the property of SCNM and cannot be returned. SCNM reserves the right to admit or reject applicants, at its sole discretion, at any point during the admission process. SCNM does not discuss Committee decisions regarding an applicant's file. The decisions of the Admissions Committee are final and are not subject to appeal.

Admission before Receipt of Final Transcript

Students enrolled in other colleges/universities are considered for admission on the basis of meeting all admission requirements prior to matriculating, except for a final transcript of work in progress. This final official transcript must be sent to the Admissions Office upon completion of the work in progress. Only under these conditions will the student be allowed to register for and attend courses for their first quarter. Official documentation of completion of prerequisites must be received by the first day of registration for the second quarter, or the student may not be permitted to register (see prescribed program of study for requirements). In the event that the applicant does not qualify, the College reserves the right to cancel admission and registration.

Deferral of Admission

Applicants who have been offered either full or provisional admission may, in extreme circumstances, apply for a deferral of their entrance, not to exceed two quarters. Applications for deferrals are accepted on a space-available basis. An application for deferral will not be processed until the admission deposit is received. Students deferring admission must do so by the end of the first week of class in the quarter for which they were accepted. Students

applying for a deferral of admission must meet any and all new admission requirements for that entrance year.

Applicants who need additional time beyond two quarters must reapply with a full application. A student who desires a deferral must make a request in writing to the Admissions Office. A non-refundable Deferral Application Fee is required to transfer a deposit to a new entering class.

Reapplication Process

Applicants who have submitted an application for admission to SCNM and do not complete the process may submit a reapplication for up to two years after initial application. The applicant must submit the requirements outlined below directly to SCNM. Applicants who were denied admission to SCNM may reapply after one (1) year and must submit a new application (see Admission Requirements for prescribed program of study). Below are the requirements for the reapplication process:

1. Re-application form available on www.scnm.edu
2. Non-refundable application fee
3. Curriculum vitae/resume
4. Official transcripts for any post-secondary coursework completed since original application
5. In-person interview (ND only) (qualified applicants selected for interview will be contacted by the Admissions Office)

International Applicants

SCNM welcomes applications from international candidates. International applicants for the Doctor of Naturopathic Medicine program may substitute additional CLEP examinations for prerequisite requirements. Transcripts from international institutions must be translated and evaluated by a professional transcript evaluation service who is a member of either the National Council on the Evaluation of Foreign Education Credentials (NACES) or the Association of International Credential Evaluators (AICE). Fees for this service are the responsibility of the applicant. The applicant must request a course-by-course analysis be mailed directly to the SCNM Admissions Office and received before an evaluation of the applicant's file can begin. Additional coursework materials, such as catalogs, course descriptions, and syllabi, if requested, must be translated into English by a professional service.

Transfer Applicants

Applicants who wish to transfer from another accredited (or candidate) equivalent-level degree program must meet all program admission requirements, including payment of fees. Transfer students are required to submit a completed Verification of Student Conduct form signed by the Dean of

Students or the Registrar of the previously attended institution verifying that the student was not subject to any disciplinary actions. ND transfer applicants must also submit a letter of recommendation from the Academic Dean of the school or program from which the applicant is transferring indicating the student is leaving in good academic standing. Transfer applicants studying in the U.S. on a visa must work with the institution they are transferring from to transfer their student visa to SCNM.

Transfer Credit Policy

Students entering SCNM who have completed coursework or have graduated from a domestic or foreign accredited professional school or graduate level program may apply for transfer status. The Transfer Transcript Evaluation Fee (see Tuition and Fees) is waived for transfer applicants from other naturopathic institutions. Students must request and submit transcripts from all prior institutions, including military training transcripts for veterans, traditional college coursework, and vocational training. Transfer credit will be determined during the admissions process. Only graduate-level coursework (masters or doctorate) is considered for transfer credit. Courses considered for transfer credit must have been completed at institutions with candidacy status or accredited by those bodies recognized by the U.S. Department of Education.

The transfer of credit is determined on an individual basis depending on academic standing, the type of program, degree, and courses completed. Coursework completed more than seven (7) years prior to matriculation requires a competency examination with appropriate fees. The Registrar's Office, in conjunction with the faculty and the Vice President of Academic Affairs, makes determinations of acceptable transfer credits. Transfer credit will not be considered after matriculation.

Only coursework completed prior to matriculation at SCNM will be applied toward transfer credit, with the exception of approved coursework taken while dual enrolled at Phoenix Institute of Herbal Medicine and Acupuncture (PIHMA) or the Mel and Enid Zuckerman College of Public Health (MEZCOPH) at the University of Arizona (see Program Partnerships). Clinical training credit cannot be transferred or earned through the completion of a competency exam, with the exception of 12 or less credits completed at another accredited naturopathic institution, less than five years' lapse in their completion and applied to the Doctor of Naturopathic Medicine program. Transfer status does not imply or guarantee that a student will graduate in less time than the student's prescribed program of study.

All applicants seeking transfer credit should submit a completed Transfer Evaluation Form a minimum of three

months prior to matriculation. A non-refundable Transfer Transcript Evaluation Fee (good for one academic year pre-matriculation) must be submitted to the Admissions Office with the completed application for admission. The Transfer Evaluation Fee is applied to the first quarter's tuition upon matriculation (see Tuition and Fees). Transfer credits are counted toward the total hours required for graduation but are not counted toward the GPA. If an applicant did not accept admission to SCNM and reapplied to enroll at a later date, the student is subject to all fees upon second application. Transfer students are required to fulfill the same number of credits required in their program of study as outlined in the catalog.

Transfer students must complete their program in the time determined at the transfer evaluation and in accordance with the number of credits transferred. (See Satisfactory Academic Progress for prescribed program of study.)

Financial Aid

Direct Unsubsidized Loans are available to students who qualify and are non-need based. The student is responsible for the interest that accrues on an unsubsidized loan. Students have the option of paying the interest while in school or adding the interest to the principal balance at the time of repayment.

Doctor of Naturopathic Medicine students:

- The maximum amount a student may borrow in Direct Unsubsidized Loans is \$40,500 per nine-month academic year.
- The total loan amount may not exceed \$40,500 per academic year. The aggregate limit for Direct Unsubsidized loans is \$224,000.

Master's program students:

- The maximum amount a student may borrow in Direct Unsubsidized Loans is \$20,500 per nine-month academic year.
- The total loan amount may not exceed \$20,500 per academic year. The aggregate limit for Direct Unsubsidized loans is \$138,500.

Private student loans are also available to those who qualify and are credit based. There are no fixed annual or aggregate loan limits for private student loans. However, private loans may not exceed the cost of attendance for a nine-month academic period. (See Financial Policies.)

Financial Policies

Tuition and Fees

The following tuition and fees apply to the 2019-2020 academic year. SCNM reserves the right to change tuition and fees at any time. A new tuition and fees schedule will be published when there are changes. Fees specific to the Naturopathic Doctorate (ND) program are indicated next to the fee. Fees specific to the Master of Science (MS) programs are indicated next to the fee.

Application and Enrollment Fees (Non-refundable)

Admission Deposit*	\$300
Deferral (ND)	\$100
Deferral (MS Nutrition Programs)	\$300
New Student Application (ND)	\$115
New Student Application (MS)	\$50
Non-degree Application (ND)	\$65
Reapplication (ND)	\$115
Reapplication (MS)	\$50
Transfer Evaluation* (4 or more courses)	\$300

*Applies toward tuition

Tuition (Per Credit)

ND	\$358
MS in Clinical Nutrition	\$630
MS in Nutrition Business Leadership	\$950

Non-course-specific Charges (Non-refundable)

SCNM students may choose to participate in activities that result in other fees and charges.

Audit (per course)	\$150
Clinical Drop/Add (ND)	\$50
Competency Assessment (per exam)	\$150
Course Transfer (NTE* \$300) (per course)	\$75
Diploma Replacement	\$50
Directed Study (per course) (+ tuition) (ND)	\$150
Graduation Application/Audit	\$250
I-Print** Single B/W (ND)	\$0.08
I-Print** Duplex B/W (ND)	\$0.14
Late Clinical Paperwork (ND)	\$50
Late Registration	\$100
Student ID Card	\$25
Replacement/Additional Parking Permit	\$5
Returned Check	\$45
Special Examination	\$150

*Not to exceed

**ND students receive a \$25 printing credit/quarter; additional credit can be purchased through the Business Office.

Quarterly Fees

Equipment (ND)	\$25
NMSA Dues (ND)	\$15
NPLEX Review (ND)	\$18
Student Government	\$20
Technology (ND)	\$60
Technology (MS)	\$250

ND Course-specific Fees

ANAT 5014/5024/5034 Lab	\$20
BOTM 6020 Lab	\$50
CLPR 5030 Practice Exam	\$50
CLPR Lab	\$35
CLTR 4304 Clinical Entry Exam	\$95
CLTR 4508 A, 1 st Attempt	\$500
CLTR 4508 B, Part 1: 1 - 2 Sections	\$135
CLTR 4508 B, Part 1: 3+ Sections	\$250
CLTR 4508 B, Part 2	\$250
CLTR 4508 C, Part 1: 1 - 2 Sections	\$135
CLTR 4508 C, Part 1: 3+ Sections	\$250
CLTR 4508 C, Part 2	\$250
ERMD 8014	\$180
GYNE 7020 Lab	\$90
MICR 5026 Lab	\$20
MSRG 7010/8020 Lab	\$20
PHMD 6981(Selective)	\$33
PSYC 6970 (Selective)	\$20

Library Fines

Lost or Damaged Processing Fee (plus cost of item)	\$5.00
Overdue Items (per item each day)	\$0.50
Reserve (2- hour check-out) (per item each hour late)	\$1.00

Student Material and Equipment Purchases (Non-refundable)

In addition to the above tuition and fees, students are required to purchase books, materials, supplies, and equipment to supplement their course instruction and clinical training.

For the ND program SCNM contracts with medical equipment manufacturer Welch Allyn to provide high-quality medical equipment and with Turning Technologies to provide hand-held student response equipment at negotiated prices. Participation in SCNM's equipment

purchase is mandatory and is automatically charged to all ND students in their first term in attendance at SCNM.

Audience Response Equipment (ND)	\$45
Medical Equipment (ND)	\$815

Depending on the program of study, students should allow on average a textbook, materials, and supplies cost of approximately \$500-\$1,000 per quarter.

Ancillary Program Expenses

There are additional expenses related to programs that include, but are not limited to, the fees paid for certifications, vaccinations, certification and licensing exams, certification and licensure applications, etc.

In accordance with attendance requirements at ND extended sites and field observation rotations, ND students will obtain a fingerprint clearance card in CLPR 5010. This card is good for 6 years as outlined by the Arizona Department of Public Safety.

The MS Nutrition Business Leadership program prepares students to be eligible to attain the following certifications: Current Good Manufacturing Practice (CGMP Preventive Controls Qualified Individual (PCQI)), and Certified Supply Chain Professional (CSCP).

Ancillary program expenses are paid directly to outside agencies and organizations.

Certifications are administered by third-party organizations. Should students opt to pursue certification, all application and examination fees associated with these certifications are paid directly to the outside agencies and organizations. Please check the specific program expenses on MySCNM for a more detailed list of additional costs.

Financial Policies

Tuition and Fee Payment

All tuition and fees listed are in U.S. currency. Tuition and fees for each term are payable in full by Friday of the first week of the quarter. Students who have not paid their tuition and fees in full by the end of the first week of a term will be notified of SCNM's intent to drop the student from all registered courses and clerkships, and the student will not be considered enrolled and participating. Depending on the amount of time lapsed, students may be given permission to re-register for courses/clerkships after payment of tuition and fees are received in full. Late registration and clinical drop/add fees may apply.

Throughout the course of a term, students may incur additional fees and fines for which payment is due upon notice of debt. The SCNM Business Office will place a hold on student accounts until debts are paid in full. Further:

- Any debt or returned check may revoke a student's current enrollment.
- Permission to register for subsequent terms will be blocked until all student debt is paid in full for previous terms.
- Course credit will not be given until all student debt is paid in full.
- Transcripts or diplomas will not be released until all student debt is paid in full.

Students are responsible for keeping SCNM informed of their current address and should update their personal information on MySCNM or submit address changes to the Registrar's Office immediately upon moving. Students enrolled in online distance learning programs will also be required to confirm their current address at the beginning of each quarter. It is each student's responsibility to review their accounts on MySCNM and to read and maintain email communication with the SCNM Business Office when accounts are not in balance.

Payment Options

Student payments must be in U.S. currency by cash, credit card, personal check, or bank check. Students who receive federal financial aid are not allowed to prepay tuition and fee charges using a personal credit card.

Financial Aid Recipients

In accordance with the U.S. Department of Education (ED) 34 CFR 668.164 (c), federal student aid shall be posted to student accounts for allowable tuition and fee charges prior to crediting student accounts for other costs such as living expenses. Further, student verification of attendance in classes or clerkships must be documented prior to financial aid disbursement. Once student aid is applied to student accounts and attendance verification is received, the net difference between aid and tuition and fee charges results in an amount due to student or an amount due from student. Amounts due to students are provided in the form of a paper check or directly deposited in student bank accounts. Amounts due from students are due and payable according to the payment guidelines outlined previously.

Financial Policies

Foreign Financial Aid or Third-Party Payer Recipients

Proof of official promissory note and/or offer letter from a third-party payer must be delivered to the SCNM Business Office prior to the first day of a term in order to avoid being dropped from all registered courses and clerkships and having to re-register for courses, as outlined previously.

Financial Aid

Students in eligible programs seeking federal funding for their educational needs will receive assistance through the Financial Aid Office. The Federal William D. Ford Direct Loans are available to those who qualify, based on federal regulations.

General Eligibility Requirements

All students seeking financial aid must meet general eligibility requirements regarding citizenship, selective service, financial need, and satisfactory academic progress. Students who are currently in default and have not made satisfactory loan repayments or owe a refund on a Title IV program do NOT qualify for any form of federal aid.

Financial Aid Procedure

Students in eligible programs interested in obtaining financial aid must complete the Free Application for Federal Student Aid (FAFSA), the Direct Master Promissory Note (MPN), and Federal Stafford Entrance Counseling Exam. Approximately two to three weeks after submission of the FAFSA, the results of the compilation of information, including the estimated family contribution, is sent to the student and SCNM. Once the student's file is reviewed for eligibility, federal funding is determined. The student will receive an award letter reflecting the cost of attendance based on the student's credit hour load reflected in their final registration and the type of aid offered based on the student's eligibility.

Loss of Eligibility Due to a Drug Conviction

A student who is convicted of a state or federal offense involving the possession or sale of an illegal drug that occurred while enrolled in school and receiving Title IV aid is not eligible for Title IV funds. (Please see SCNM's Alcohol and Drug Abuse Policy in the SCNM Student Handbook).

A borrower's eligibility is based on the student's self-certification on the Free Application for Federal Student Aid (FAFSA). Convictions that are reversed, set aside, or removed from the student's record, or a determination

arising from a juvenile court proceeding do not affect eligibility and do not need to be reported by the student.

A student convicted of a drug-related offense while enrolled in school and receiving Title IV aid loses Title IV eligibility as follows:

1. For the possession of illegal drugs:
 - First offense: one year from the date of conviction
 - Second offense: two years from the date of the second conviction
 - Third offense: indefinite period
2. For the sale of illegal drugs:
 - First offense: two years from the date of conviction
 - Second offense: indefinite period

A school must provide a student who loses Title IV eligibility due to a drug-related conviction with a timely, separate, clear, and conspicuous written notice. The notice must advise the student of his or her loss of Title IV eligibility and the ways in which the student may regain that eligibility.

Regaining Eligibility after a Drug Conviction

Students denied eligibility for an indefinite period can regain eligibility after completing any of the following three options:

1. Successfully completing a rehabilitation program (as described below, which includes passing two unannounced drug tests from such a program);
2. Having the conviction reversed, set aside, or removed from the student's record so that fewer than two convictions for sale or three convictions for possession remain on the record; or
3. Successfully completing two unannounced drug tests which are part of a rehab program (the student does not need to complete the rest of the program).

A drug rehabilitation program is considered approved for these purposes if it includes at least two unannounced drug tests and meets one of the following requirements:

- The program received or is qualified to receive funds directly or indirectly under a federal, state, or local government program.
- The program is administered or recognized by a federal, state, or local government agency or court.
- The program received or is qualified to receive payment directly or indirectly from a federally or state licensed insurance company.
- The program is administered or recognized by a federally or state-licensed hospital, health clinic, or medical doctor.

When a student regains eligibility during the award year, SCNM may award campus-based aid for the current

payment period (quarter) and Direct Loans for the period of enrollment (academic year).

Federal Student Aid Handbook. (2018-2019). School-Determined Requirements. Ch. 1, Vol, 1, pp. 22-23. Retrieved from: <https://ifap.ed.gov/fsahandbook/attachments/1819FSAHbkVol1Ch1.pdf>

Federal Work Study

Federal Work Study (FWS) awards are need-based. Campus-based students in eligible programs are required to indicate their desire to participate in the FWS program when completing their FAFSA or communicate their desire to the SCNM Financial Aid Office to ensure FWS awarding is an option. Available positions are advertised each quarter. Please contact the Financial Aid Office for additional information at finaid@scnm.edu.

International Students

Although international students do not qualify for U.S. federal financial aid, there are other options to help fund their SCNM education. Private student loans are available to foreign students; however, they must have a United States citizen or permanent resident as a co-signer. In addition, Canadian students may be eligible to apply for Canadian student loans through their respective provincial governments. Canadian students receiving financial aid from their provincial governments will be held to the same payment deadlines for tuition. Tuition must be paid in full by Friday of the first week of the quarter. If provincial financial aid is received by SCNM after the student has paid, a refund of excess tuition will be issued to the student within ten business days. Canadian students are responsible for initiating the process of financial assistance from their province. Documentation will be sent to the Financial Aid Office at SCNM for completion and returned to the appropriate provincial government.

Distance Learning

Distance Learning

In addition to traditional campus-based courses, SCNM offers courses via distance or online learning. Online learning can occur in different forms, from 100% online (online) to partially online (hybrid or blended) courses. Online learning, whether offered at a distance, locally through a 100% online course, or a hybrid course, comprises directed learning processes and facilitates student interaction with the content. Directed learning processes generally involve educational information (articles, videos, images, and web links), communication (messaging, discussion forums), and assessment used to measure students' achievement.

Online Courses

Online learning consists of all e-learning (web-based) instruction and activities. In 100% online courses; there are no face-to-face requirements within the course. All communication and coursework are completed through the learning management system.

Hybrid Courses

Blended (hybrid) learning consists of traditional face-to-face instruction mixed with e-learning (web-based) activities. Face-to-face time is scheduled along with web-based or out-of-class work; typically, face-to-face class time is replaced with web-based or out-of-class work. Communications and coursework are enhanced by making use of Canvas, MySCNM, and other online tools.

Course Accessibility

Students will have access to online courses upon registration; however, course content may not be available prior to the start of the quarter.

Technology Requirements

Students enrolled in SCNM courses must have access to the following minimum requirements:

- Operating System: Microsoft Windows Operating System (Windows 7, Windows 8, Windows 10) or Mac OS 10.95 or above with the operating system's minimum requirements for processor, memory, and hard drive.
- Audio: A working sound card and speakers will be required.
- Webcam and Microphone: Some classes may require a microphone and webcam to complete assignments/projects and interact with classmates.

- Display: 1024 x 768 monitor with a 16-bit or greater video card
- Storage: At least 10.0 GB of free hard-drive space will be necessary to ensure that you are able to download course materials when necessary.
- Internet Access: High-speed internet connection, such as DSL or a cable modem. An internet connection is necessary for viewing course materials and supplemental videos in Canvas.
- Internet Browser: Chrome or Firefox is recommended for accessing all online courses in Canvas. Other acceptable internet browsers include Internet Explorer and Safari.
- Word Processor and Required Applications: Microsoft Office is required and available for free to students through their Office 365 account.

Student Authentication

The United States Federal Higher Education Opportunity Act (HEOA) of 2008, Public Law 110-315, mandates that institutions validate that the person enrolled in and receiving credit for the online course is the same person participating in and completing the online course. To authenticate student identity in online courses, SCNM uses a secure login with username and password to authenticate student identity. In accordance with Family Educational Rights and Privacy Act (FERPA), methods used to authenticate student identity in online and distance learning courses will protect the privacy of student information.

Privacy

Students should be aware that information posted using course tools in courses with online components, including discussion forums, blogs, or videos, are available to the instructor and fellow students. Students should refrain from posting personal or confidential information to safeguard their privacy.

Institutional Policies

Enrollment Policy

Once matriculated, a student must be continuously enrolled unless the student is taking an approved leave of absence.

International students attending SCNM on an I-20 must maintain full-time enrollment at all times unless otherwise following the articulated program of study. All exceptions require approval from the Dean of Students. Please direct any questions regarding international student status to the Dean of Students' Office.

Students who fail a course may not be eligible to progress in their prescribed program of study until the failed course has been successfully completed. Students may not take courses in advance of their program as outlined in the program of study without the approval of the Academic Policy and Progress Committee (APPC). Students are not allowed to attend, nor will credit be awarded for, courses for which they are not registered. Students will not be allowed to have concurrent enrollment or register for courses for which they do not have prerequisites or co-requisites without prior approval from the APPC.

SCNM confers degrees only following the end of each academic term.

SCNM does not guarantee the award of the degree to students enrolled in the program. The award of degrees is contingent upon satisfaction of all current degree and instructional requirements at the time of such award, compliance with SCNM regulations, as well as performance and conduct meeting bona fide expectations of faculty. No member of the faculty is obliged to provide students or graduates with an evaluation or letter of recommendation that does not accurately reflect the faculty member's true opinion and evaluation of the student's academic performance and conduct.

Family Educational Rights and Privacy Act (FERPA)

This federal law is designed to protect the confidentiality of the student's educational records. The Act affords the student certain rights with respect to their education records. These rights ensure that eligible students have access to their educational records for inspection and review and to request amendment if the student believes they are inaccurate or in violation of the student's privacy. Further, this law protects the rights of a student to privacy by limiting access by others to education records without express written consent of the student and the right to file a

complaint with the U.S. Department of Education concerning alleged failures by SCNM to comply with the requirements of FERPA.

SCNM may release information from an education record without the consent of the student to officials of another college or university where the student seeks or intends to enroll, as permitted by FERPA §99.31 (a)(2).

SCNM may release information from an education record without the consent of the student to another educational institution in which the student is enrolled. For example, SCNM may release academic records for a "dual enrollment" without prior written consent (FERPA §99.34 (b)).

SCNM may disclose information from an education record without the consent of the student if the information is necessary to protect the health or safety of the student or other individuals (FERPA §99.36). Student records are open to other school officials, including faculty and administration, and local and state education agencies that have been determined to have a legitimate educational interest, including those specified by the Act as amended January 3, 2012.

Students have the right to review and inspect their education records, including their application, except for confidential recommendations. Photo identification must be presented before access to education records will be permitted. An appointment must be made with the Registrar's Office to access an education record.

Directory Information

SCNM may release information that has been defined under the Directory Information Provision of FERPA. SCNM defines directory information as name, address, photo/photo-ID, phone number, e-mail address, dates of attendance, program of study, degree conferral date, enrollment status, grade level, previous educational institutions attended, and degrees/awards earned. Forms are available at the Registrar's Office for a student to request that SCNM withhold all directory information.

Proper Disclosure

Student information of a private, personal, or confidential nature that is provided to SCNM faculty and staff will not be disclosed improperly. Faculty are expected to provide accurate evaluations of students. For the purposes of monitoring and recording student progress, evaluations include the strengths and weaknesses of academic, clinical, communication, and professional skills. The evaluations also include observations and opinions regarding academic effort and professional conduct. Although not required, faculty and staff may provide judgments of a student's

Institutional Policies

abilities and character to others in appropriate circumstances in accordance with the SCNM policy on student records.

Change of Name

The name used by a student on all educational records, including their diploma, must be the student's legal name. To change the name reflected on student records, a student must complete the name change form and provide one of the following legal documents to the Registrar's Office:

- A copy of the student's social security card
- A certified copy of a court decree dissolving a marriage/restoring maiden name
- A certified copy of the court order directing a change of name
- A valid motor vehicle driver's license

The student's request is recorded after all materials are submitted.

Registration

Pre-registration

All SCNM programs are cohort-based; therefore, students are automatically registered for core courses (not electives or selectives), including labs and clinical clerkships/courses. Students may not deviate from their prescribed program of study. Following registration and prior to the start of the term, students enrolled in campus-based courses will have the opportunity to trade course/lab sections or clinical clerkships (see SCNM Clinical Handbook) according to published deadlines for their prescribed program of study.

Registration

New campus-based students will provide one form of legal photo identification—such as driver's license or passport—at orientation. Registration for ND selective courses is available to students online 24/7 during the open registration period. Registration dates for each program of study are published in the academic calendar unless posted otherwise. Registration is the responsibility of the student. Students may not register for courses after the second week of classes (see Adding and Dropping Courses). Students who fail any courses may not be eligible to progress in their prescribed program of study, will be dropped from the post-requisite course(s), and must meet with the student advisor to amend their registration. Students must have the required prerequisites or co-requisites to be registered for the next quarter's courses. Students who fail milestone, capstone, or sequence courses are not eligible to progress until the course is repeated with a passing grade.

Students must be final registered for courses in order to attend. Students complete the online Registration Term Agreement to finalize registration each term. As part of fall quarter registration, all students are also required to review and update their personal and emergency contact information. Students enrolled in online distance learning programs are required to verify their current address and indicate the state in which they will be taking courses, if different from their address, prior to the start of each quarter. Students who do not complete the agreement (and information update when required) during the designated time period will be charged a Late Registration Fee and may not be registered for the next quarter's courses. (See Tuition and Fees.)

Registration Holds

A registration hold may be placed on a student's record to prevent the student from registering for courses in future quarters for financial, administrative (including failure to comply with SCNM's Everfi requirement, current NPLEX policies, or address verification requirement), or academic reasons. Any registration hold must be resolved before a student is registered.

Attendance

Students are expected to attend all classes, laboratories, and clinical clerkships. It is the faculty member's prerogative to determine attendance requirements for campus-based lecture sessions. Attendance requirements are stated in the course syllabus. Attendance at laboratories and clinical clerkships is mandatory.

Attendance for online distance learning courses is determined by active participation within a distance course such as submitting an assignment or exam, attending an online chat, or posting to a discussion forum. Simply logging into the course is not considered participation. Participation will not be counted for assignments submitted prior to the official first day of the quarter. Class participation by the end of the 3rd day of the course is required to verify attendance and to release financial aid, if applicable. Students who do not maintain active participation in a distance course, as outlined in the syllabus, are encouraged to withdraw from the course to avoid failure of the course. (See Adding and Dropping Courses.)

Students receiving Title IV financial assistance, including assistance from the Veterans Administration (VA), are responsible for meeting VA and/or applicable federal aid attendance requirements.

Adding and Dropping Courses

Institutional Policies

SCNM programs of study are track programs. Changes to the student's prescribed program of study must receive approval from the Academic Policy and Progress Committee (APPC). Schedule changes requested after the start of a quarter are only permitted as detailed below:

- Students who fail to drop any course for which they are registered and fail to attend/participate in that course are subject to failing the course and the academic policies pertaining to failing a course. (See Satisfactory Academic Progress for prescribed program of study.)
- Students dropping a course after the course census date (ND program, end of week two; MS programs, third day of course) may impact their academic performance/academic progress. All courses dropped after the census date require the approval of the APPC.
- Courses dropped after the census date through the fourth week of the course will result in a grade of WD (withdrawal) on the student's official transcript and have no impact on the student's GPA; courses taken again after a WD grade was earned for that course will be noted as a repeat on their official transcript.
- Following the fourth week of the course, students receive the grade earned at the time of withdrawal; faculty will assign a grade of WD if the student is passing the course, or if the faculty cannot certify that the student is failing the course at the time the course is dropped. The faculty will assign a grade of WF (withdrawal fail) if the faculty can certify that the student is failing the course at the time the course is dropped. (See Leave of Absence Policy for exceptions.)
- Courses that are taught in a 3-, 4-, 6-, or 8-week format stand independent of the withdrawal timeframe outlined above. Courses dropped after the census date of the course (week two) and before the 60% completion of the course receive a grade of WD. Dropping after 60% completion of the course results in a grade of WD if the student is passing or if the faculty cannot certify that the student is failing the course at the time the course is dropped. The faculty will assign a grade of WF (withdrawal fail) if the faculty can certify that the student is failing the course at the time of the withdrawal. (See Refund Policy/Drop Courses for prescribed program of study.)
- If the student has completed all course requirements prior to the student's withdrawal date, the grade earned at that time will be assigned by faculty as the final grade for the course. A WD grade may be administratively

assigned if no grade is submitted by faculty prior to the end of the term's grading period. Changes made to a student's schedule may result in appropriate tuition and/or fees being applied to their account. (See Tuition and Fees.)

See the *ND Program Add/Drop Requirements for additional program requirements.*

Auditing Courses

Students may audit a course if they have already received credit for the course, met the course prerequisites, and have registered for the course. A student may not audit a course for which they have not already received credit. A student cannot audit laboratory courses or clinical courses. Non-degree students may not audit courses (exception applies for SCNM Alumni). When auditing a course, students do not earn a grade, nor do they receive credit. Courses taken as audit will appear as an AU on the student's official transcript. (See Tuition and Fees.)

Academic Policy and Progress Committee

The Academic Policy and Progress Committee (APPC) is comprised of faculty, administration, and staff members. The APPC makes academic decisions regarding students' progress throughout their program. The decisions of the APPC are final with the exception of decisions regarding academic dismissal, which may be appealed to the Vice President of Academic Affairs.

Leave of Absence

A leave of absence (LOA) may be granted to any student maintaining satisfactory academic progress for their prescribed program of study and who has met all financial obligations to SCNM. All LOAs will be approved by the APPC. While on LOA, students are not eligible to attend courses or clinical clerkships, nor receive financial aid. The Financial Aid Office will be notified of the student's intended last date of attendance when students request an LOA.

If students are unable to complete a quarter, tuition and fee refunds will be issued according to the Add/Drop Policy; and final grades will be issued according to the Grading Scale Policy. (See Adding and Dropping Courses and Grading Scale Policy.)

LOA is a period of non-enrollment where students are not considered to be working toward the completion of their degree. The length of time allowed for LOA varies depending

Institutional Policies

on type of leave (see Types of Leave of Absence). Students on LOA are not eligible for financial aid and are subject to federal regulations pertaining to current loans. Upon return from LOA, the student must continue to meet technical standards and graduation requirements for their prescribed program of study.

1. Students will initiate the LOA process through the student advisor or Dean of Students.
2. Requests for LOA will be considered individually by APPC using the following guidelines:
 - a. LOA will only be granted to students demonstrating satisfactory academic progress for their prescribed program of study.
 - b. LOA should be requested prior to the beginning of a term and be approved before the term for which it is requested.
 - c. In cases of death, serious illness in the family, or serious personal injury, a hardship withdrawal may be granted during any academic term; students will be administratively withdrawn from all coursework in progress at the time of approved LOA. Hardship withdrawals must be approved by APPC.
3. Leave time will be considered a portion of the total time limit for the degree. (See Satisfactory Academic Progress for prescribed program of study.)
4. Students who do not return to active enrollment at the end of the granted leave are administratively withdrawn from SCNM. Students who are absent in excess of one year must go through the admission process for re-entry. Students are responsible for any outstanding tuition, fees, medical center bills, and library fines.

Types of Leave of Absence

Administrative Leave of Absence (ALOA)

The Administrative Leave of Absence (ALOA) policy assists and supports students who are unable to progress in their prescribed program of study due to failure of a required course by streamlining the leave of absence process. Students will receive an official notification of the ALOA from the Registrar's Office. The general policies for a student on LOA included previously typically apply to a student on ALOA and are also included in detail in the SCNM Student Handbook.

Personal Leave of Absence

Students who are temporarily unable to continue their program of study for personal reasons may request a

Personal LOA for a specific period of time not to exceed two consecutive quarters in a 12-month period. Students on a personal LOA that exceeds two quarters must request an extension from APPC or they may be officially withdrawn.

Medical Leave of Absence

Students who are temporarily unable to continue their program of study for medical reasons may request a Medical LOA for a specific period of time not to exceed a 12-month period. Students requesting an LOA for medical reasons must provide documentation by a clinician qualified to diagnose in the appropriate area of specialization. Documentation must be based on a current evaluation, provided on letterhead, typed, dated, and have an original signature. The same documentation is required when a student wishes to return from the medical LOA, indicating the student is now able to resume their academic program. All documentation must be attached to the LOA form. For information regarding medical accommodations, please see Accessibility Office pages on MySCNM.

Military Leave of Absence

Any student who is a member of the National Guard or other reserve component of the Armed Forces of the United States and is called to active duty will be granted a Military LOA for the period of active duty and one year thereafter. Students will submit the student's notification of duty requirements from the military. Upon return from a Military LOA, the student will be reactivated with the same academic status and without loss of academic credits earned, scholarships or grants awarded, or tuition or other fees paid prior to the commencement of active duty.

Leave of Absence and Financial Aid

The U.S. Department of Education requires that a student maintain a minimum status of half-time enrollment to receive federal financial aid. Therefore, students who are on ALOA/LOA will be considered withdrawn according to financial aid regulation 34 CFR 668.22 (d). If students are unable to complete a quarter, tuition and fee refunds will be issued according to the Add/Drop Policy for their prescribed program of study; and final grades will be issued according to the Grading Scale Policy. Leave time will be considered a portion of the total time limit for degree completion. (See Satisfactory Academic Progress for prescribed program of study.)

Exit Interview

Students who are enrolled less than half time, withdraw, or graduate from SCNM are required by the U.S. Department of Education to complete the online exit counseling. The exit counseling is to help borrowers understand their responsibilities when repaying on their federal student loans. To complete the exit counseling, visit www.StudentLoans.gov.

Leave of Absence and Library Resources

Students in good standing with SCNM are allowed to use the library resources. The library provides ample opportunity for all patrons to resolve account issues. The Registrar's Office notifies the library of students approved for a leave of absence (LOA). Students on an LOA must return all library materials and pay any outstanding fines prior to LOA approval. (See Library Privileges during a Leave of Absence.)

Reactivation of Enrollment after Leave of Absence

Students wishing to be re-activated within a year from the last date of attendance must submit a Reactivation Application form, along with any supporting documents as determined by the type of LOA. The student must contact the student advisor to initiate reactivation and for assistance on requirements. All reactivation requests must be approved by the APPC. The APPC will review the request and determine the student's readiness to re-enter the program. Upon return from LOA, the student must continue to meet any technical standards and all graduation requirements for their prescribed program of study.

If a student enrolled in an ND clinically-based program ceases to be enrolled, including LOAs, Arizona ND statutes require that the certificate to engage in clinical training held by that student be automatically canceled. This requires that ND students returning from an LOA must re-apply for a new clinical training certificate (CTC) prior to their return to SCNM as required by the Arizona Naturopathic Medical Board. A CTC is required to be current, and it is the responsibility of the ND student to ensure that they have a valid CTC during their enrollment. ND clinical students who return from an LOA may be required to attend Clinical Skills Development Sessions (CSDS) to ensure they are prepared for reentry into the clinical program. Returning ND clinical students will only be scheduled in onsite clerkships during the term they reactivate. The time during which the student was on ALOA/LOA and/or withdrawn will be considered a portion of the total time limit for degree completion.

Academic Standing, Leave of Absence, and Withdrawals

Students cannot avoid academic action by taking an LOA or withdrawing. Each student's academic standing is finalized at the conclusion of each quarter after a review of the term's final grade submissions. A student who meets the criteria for probation and/or dismissal will be notified at the end of the term. (See Satisfactory Academic Progress for prescribed program of study.)

Administrative Withdrawal

SCNM is required to verify the enrollment and participation of students who participate in Federal Title IV student aid programs and/or who receive educational benefits through alternate funding sources. Students may be administratively withdrawn from the college under the following circumstances:

- Failure to pay tuition and fees for the prescribed program of study by the published deadline
- Failure to return to active enrollment at the end of the granted leave
- Failure to complete Registration Term Agreement, Personal Information Update (when required), and/or necessary authorizations for registration to occur

Complete Withdrawal/Refund Policy

Complete withdrawal is defined as completely withdrawing from all courses (including a leave of absence). In the case of a complete withdrawal, the following tuition refunds apply and are dependent upon the withdrawal date.

For calculation purposes, the date of complete withdrawal is the date the student provides a formal written notice to the Registrar's or Dean of Students' office. Written notice via e-mail is sufficient if the e-mail is sent from the student's SCNM e-mail account. In the case of a student who fails to notify the College of intent to withdraw, the date that is the midpoint of the term or the student's last documented date of an academically related activity will be considered the withdrawal date, whichever is the longest time.

Courses that are taught in a condensed format (i.e., selective courses offered as intensives or courses that precede the term) will be considered as stand-alone courses for the purpose of withdrawal and refunds. Refunds are determined based upon the last date of attendance in relation to the course's official start date. The percentage of time enrolled in each course will dictate the refund amount.

Institutional Policies

Withdrawal Date	Refund Calculations
Complete withdrawal before the start of the term.	100% tuition and fees with the exception of non-refundable fees as noted in Tuition and Fees
Complete withdrawal after the start of the term, or before 60% completion of the course.	% of tuition and refundable fees will be based on the federal guidelines formula as shown below, with the exception of non-refundable fees as noted in Tuition and Fees
After the 60% completion point of the course/term.	0% tuition and fees refunded

Federal Formula

1. Refund Rate = Calendar days completed in the period of enrollment divided by total calendar days in the period of enrollment
2. Refund Amount = Tuition charges for the period of enrollment X the percentage of unearned Title IV aid

This calculation determines the percentage of federal funds that have been earned by the school at the time of withdrawal and the amount of unearned funds that must be returned to the federal program. For more information contact the Financial Aid Office at finaid@scnm.edu.

Dropped Courses/Refund Policy

Students who do not completely withdraw from the college but drop a course/clerkship during the published drop period will be refunded the difference in the tuition paid and the tuition rate applicable to the reduced number of hours, including course-specific fees assessed to the courses dropped.

- There is no refund due to a student who partially withdraws from courses after the official census date of the prescribed program of study course add/drop period.
- Tuition paid for intensive courses will not be refunded once the course has begun. Special drop deadlines may apply for certain courses. Deadlines will be included in quarterly registration notifications.

Testing and Examinations

Examination Standards

When taking in-person or online examinations, students:

- Are required to leave all books and other aids in an inaccessible spot, such as in the front of the room or in another room (exception: open-book tests)
- Must refuse to assist other students in cheating
- Should encourage honesty and discourage dishonesty among other students
- May not receive/send answers from or to other students (via text, instant message, phone, email, etc.)
- Are not allowed to talk to each other during an examination
- Should place as much space between themselves and other students as possible, when necessary
- Are encouraged to use a blank sheet of paper placed over their work and take the initiative to prevent others from copying their work, when necessary
- May not leave the room and return to the test or hand test/papers to faculty/proctor without express permission

Students speaking to one another or appearing to engage in academic dishonesty during an exam will have their exams confiscated, will receive an automatic zero for the examination, and may be subject to disciplinary actions.

For more information, see SCNM Student Handbook, Integrity and Academic Honesty.

Final Examinations

Final examinations will be conducted at the conclusion of every quarter during the period(s) designated in the academic calendar. Courses that conclude prior to the end of the quarter will conduct final exams during the final week of the course. A final examination schedule for campus-based courses specifying days and times for each course will be established and published each quarter by the Academic Coordinator. All final examinations must be conducted according to the schedule. Exceptions to this schedule are only made for conflicts that may arise for students, for required or approved take-home final exams, online distance learning exams, or for special projects that will be due during the appropriate period set by the faculty member. A student may not take an examination at other than the designated time without petitioning and being granted permission to do so by the faculty member under the Special Exam policy. The appropriate form is available electronically on MySCNM. Special Examination Fee(s) apply. (See Tuition and Fees.)

Missed Examinations

Students are expected to sit for all examinations at the scheduled time and day or complete examinations by the published deadline. This includes academic and clinical tests, quizzes, midterms, and finals. As a standard policy, all exams scheduled outside of the original time and day are subject to the Special Examination Fee, depending on the circumstances. If students know ahead of time that they will miss an examination, it is up to the student to directly inform the faculty member teaching the course and the Dean of Students of their absence at least one week prior to the administration of the examination. If such contact is not reasonably possible, the student must contact the faculty and Dean of Students as soon as possible after the examination and attempt to work out a solution with the faculty member. The Dean of Students' office reserves the right to require written justification (doctor's note, hospital discharge, etc.) with appropriate documentation for waiver consideration. Waivers will be granted only for extenuating circumstances out of the student's control. In the case of a medically excused absence, the student must be seen by the physician within 24 hours before or after the missed exam and submit the doctor's note to the Dean of Students. A doctor's note from a physician in the SCNM medical centers is acceptable for a missed exam. If the Dean of Students determines there were rare and extenuating circumstances (i.e., serious illness, accident, etc.) that prohibited the student from both attending the examination and from informing the faculty member prior to the examination, a waiver can be issued; however, the faculty member must approve that the examination is eligible for make-up. Students who are not allowed to make up a missed examination and believe they were not provided fair treatment by the faculty member can utilize the normal grade appeal and/or grievance procedures.

Students may also request an alternatively scheduled exam for a non-emergency/non-medical reason with a legitimate and academically-related reason. However, the examination will be different in content than the originally scheduled examination, and the time and place for the rescheduled exam is non-negotiable once set. The student must contact the relevant faculty member as soon as they are aware of the potential request to discuss the possibility for this alternate examination. There will be no waiver of the Special Examination Fee (see Tuition and Fees) for this type of exam. Abuse of this policy and privilege will result in the privilege being withdrawn.

Competency Examinations

Students may request to take a competency examination for select course transfer credit if a similar course has been

completed more than seven (7) years prior to the start of the course. Competency examinations must be requested and approved prior to matriculation. Competency exams for all first-quarter courses must be completed prior to matriculation; all other competency exams for courses must be completed prior to the start of quarter two. Eligibility is determined on a case-by-case basis by the Registrar's Office, in conjunction with the faculty and the academic dean. A syllabus or other relevant documentation is required to determine eligibility. The competency examination applies only to the course requested and may not be used for another course.

Students may request to take a competency exam by submitting a request to Admissions or the Registrar's Office. Students may attempt a competency examination only once per approved course. If a student fails the competency examination, the student must complete the course. Course credit given through passing a competency examination may be reflected as transfer credit or grade of "S" Satisfactory on the transcript. Competency Examination Fee(s) apply (see Tuition and Fees). Clinical credits are not eligible for competency examinations.

Standards of Satisfactory Academic Progress

SCNM is committed to excellence in educational quality and learning outcomes by providing a supportive academic environment to students. Federal regulations require SCNM to develop and apply a consistent policy of academic progress, which includes a quantitative measure (credit hours completed) as well as a qualitative measure (grade point average). To make satisfactory academic progress, SCNM students must take and successfully complete a cumulative number of required credits by the end of every calendar year and maintain a minimum career GPA (see Satisfactory Academic Progress for prescribed program of study). Failure to maintain either of these requirements will result in a student being placed on academic probation and/or being academically dismissed.

At Risk for Unsatisfactory Academic Progress

SCNM students have the responsibility to recognize when they are experiencing academic difficulties and to initiate requests for assistance. Students are encouraged to seek assistance from their faculty members and the SCNM Student Success Center. When a student's course attendance, demonstrated competence, and/or rate of academic progress indicates he or she is not succeeding in a course, the faculty member may discuss the situation with the student and report the student's concerns to the Dean of

Institutional Policies

Students. The Dean of Students will then connect the student with the appropriate resources to support his/her success. These may include, but are not limited to, support from peer mentors, advisors, tutoring services, and counseling.

Grading Scale Policy

Faculty members are required to provide students with a course syllabus that outlines course requirements, including methods of evaluation that assess mastery of course content. Core courses in the ND program will be graded A/B/C/F; clinical clerkships and lab/medicinary posts and some classes/selectives are graded satisfactory/unsatisfactory (S/U). S/U graded courses have no effect on GPA and are noted in the course syllabus. Core courses in the MS programs will be graded A/B/F.

Grade Point Averages

The Grade Point Average (GPA) for each quarter is calculated by multiplying the point value of the grade received (see following table) by the number of credits for each course. To calculate the GPA, add the credits, then add the grade points and divide the total points by the total credits. The same principle applies to the cumulative GPA reflected on the transcript. If a course is repeated, all grades earned are used in determining the GPA. Grades received at another institution are not included in the SCNM GPA. Grades specific to the Naturopathic Doctorate (ND) program are indicated next to the grade. Grades specific to the Master of Science (MS) programs are indicated next to the grade.

Grade	Description	Points	Percentage
A	Outstanding	4	90-100%
B	Very Good	3	80-89%
C (ND)	Average	2	70-79%
F (ND)	Fail	0	69% or less
F (MS)	Fail	0	79% or less
AU	Audit	Taken	
I	Incomplete	Additional work required	
I/R	Incomplete/ Remediate	Additional work required	
S (ND)	Satisfactory	Pass/Credit earned	
U (ND)	Unsatisfactory	Fail/No credit earned	
T	Transfer	Graduate transfer	
WD	Withdrew	Withdrew passing	
WF	Withdrew failing	Withdrew failing	

WV	Waived	Requirements waived
WIP	Work in Progress	Continuing course

Grade of Fail or Unsatisfactory

A grade of Fail "F"/Unsatisfactory "U"/Withdrawal Fail "WF" can seriously affect the student's academic progress and the student's eligibility for financial aid. An "F"/"U"/"WF" in a prerequisite for other courses precludes the student from entering those courses until the "F"/"U"/"WF" has been rectified. In order to rectify the grade of "F"/"U"/"WF," the course must be repeated at the next available offering in the student's prescribed program of study (with the exception of selectives). A course may be repeated one time only. Both the original "F"/"U"/"WF" and the grade given in the repeated course appear on the student's transcript. If a second "F"/"U"/"WF" is earned for the repeated course, the student may be academically dismissed. (See Academic Probation and Academic Dismissal for prescribed program of study.)

Grade of Incomplete

A grade of incomplete "I" is given by faculty teaching the didactic course/clerkship when a student has satisfactorily completed 70% of the course and its requirements as stipulated in the syllabus but is unable to complete the course during the term enrolled, and only if the student has a legitimate extenuating circumstance (i.e., serious illness, bereavement, or circumstances beyond the student's control).

The Grade of Incomplete request form is required and submitted to the faculty for didactic courses. A legitimate reason must be corroborated by communication with the Dean of Students and/or student advisor and faculty teaching the course. Incompletes for ND clinical clerkships will follow the Incomplete/Make-up Policy and process outlined in the SCNM Clinical Handbook.

The student must complete the course/clerkship by the Friday prior to the start of the next quarter unless an extension is granted by the faculty member who has also informed the Registrar's Office of the extension deadline. All incompletes must have a final grade submitted by the faculty member no later than the end of the following quarter (please refer to course syllabus) with the exception of documented medical or military leave. (See Medical Leave of Absence or Military Leave of Absence.)

Institutional Policies

Students may not request an incomplete for didactic courses under the following circumstances:

- if they are not currently passing the course
- after taking the final exam in a didactic course
- if it is a repeated course, unless otherwise approved by APPC and the course is completed prior to the start of the next term
- if the student is currently on Probation II, unless otherwise approved by APPC and the course is completed prior to the start of the next term.
- It is the responsibility of the student to complete and submit the remaining work before the assigned deadline.

Upon submission of the completed work, the faculty member submits a grade change to the Registrar's Office, converting the Incomplete to a letter grade. If the student does not meet the deadline, the Incomplete will automatically be converted to a final grade of Fail or Unsatisfactory. Students on documented medical leave or military leave may carry the Incomplete for four academic quarters. If the student on medical or military leave does not return to courses within four quarters, the Incomplete will change to Withdrawal.

Grade Reports

Grade reports are available within two weeks of the end of the quarter for the prescribed program of study. Grades are considered a part of the student's educational record and will not be released to anyone other than the student or posted in any personally identifiable form. Grade reports are available upon request through the Registrar's Office and online through MySCNM.

Grade Appeal Procedures

Grade appeals must be initiated no later than two (2) business days from when grades are posted. Students are responsible for checking final grades on the Wednesday following the close of the quarter. Final grades are posted to the Student Services, Academic Records section in MySCNM. Students should consider the following evidence when initiating a grade appeal:

- Final grade included a miscalculation of the overall course grades or final exam
- Final grade deviated from the assignment / calculation of course grades as outlined in the course syllabus

First Appeal

The student must submit an appeal in writing to the course faculty within two (2) business days of the posted grade. The first stage of a grade appeal process will be a meeting between the student and the course faculty. At that time, the

student will have an opportunity to voice concern(s) about the grade received. The course faculty may elect to obtain additional information to further evaluate the student's concern(s) and will decide whether to maintain the original grade or submit a grade change form to the Registrar's Office. A written notification of the decision will be provided to the student from the faculty within two (2) business days. Note, if the faculty is unavailable for the first appeal, the process will proceed to the next step.

Final Appeal

If the grade appeal is denied by the course faculty, the student may appeal in writing to the appropriate Department Chair, Division Director or Vice President of Academic Affairs (DC, DD, VPAA) within two (2) business days of notification of denial from course faculty. Should the course faculty also be the DC, the student may make the second appeal to the DD. The DC, DD, or VPAA may make a decision regarding the grade appeal with or without meeting the student directly. If a meeting is granted, the DC, DD, or VPAA may also request the course faculty be present for this meeting. The student will again have an opportunity to voice concern(s) about the grade received. The DC, DD, or VPAA will have the chance to review the criteria by which the final grade is determined. The DC, DD, or VPAA may elect to obtain additional information to further evaluate the student's concern(s) and will decide whether to maintain the original grade or submit a grade change form to the Registrar's Office. A written notification of the decision will be provided to the student within two (2) business days.

Academic Probation

First Academic Probation

A student is subject to the first level academic probation (Probation I) if any of the following occur:

- The student's cumulative GPA falls below the minimum cumulative GPA requirement for their prescribed program of study. (See Cumulative GPA Requirement for prescribed program of study.)
- The student does not meet the minimum academic requirements. (See Minimum Academic Requirements for prescribed program of study.)
- The student fails a course during his/her enrollment at SCNM

Students placed on first academic probation will receive notification from the Registrar's Office, along with a notation on their transcript, and will be required to meet with the student advisor for recommendations on how to improve their academic performance. Students are encouraged to meet with the Dean of Students to obtain additional academic assistance.

Institutional Policies

A student whose cumulative GPA (CGPA) projections shows an inability to recover from a low CPGA in subsequent terms may be subject to dismissal after being placed on the first level of probation.

Second Academic Probation

Students are placed on a second and final level of academic probation (Probation II) if any of the following occur:

- The student's cumulative GPA falls below the minimum cumulative GPA requirement for their prescribed program of study. (See Cumulative GPA Requirement for prescribed program of study.)
- The student does not meet the minimum academic requirements (See Minimum Academic Requirements for prescribed program of study.)
- The student fails a course after being placed on the first level of academic probation

Students placed on academic probation for the second time will receive notification from the Registrar's Office, along with a notation on their transcript, and will be required to meet with the student advisor and the Dean of Students to discuss an academic agreement intended to improve performance. The student advisor will report recommendations to the APPC to review and make additional recommendations as deemed necessary.

A student whose cumulative GPA (CGPA) projections shows an inability to recover from a low CPGA in subsequent terms may be subject to dismissal after being placed on the second level of academic probation.

Students on the first or second levels of academic probation who plan to continue the program at SCNM will be required to complete an Academic Agreement during their meeting with the student advisor. If the student is unable to continue in their prescribed program of study, the student may be placed on an Administrative Leave of Absence (ALOA) and may not be eligible for financial aid. The student may be eligible to reenter their prescribed program of study as determined by the APPC and SCNM's ALOA policy. (See Administrative Leave of Absence policy.)

The Academic Probation notation remains on the student's transcript indefinitely. Students return to good standing when their cumulative GPA returns to 3.0 or higher and/or they pass previously failed course(s).

Academic Suspension

A student may be subject to suspension due to the same reasons as academic dismissal (see Academic Dismissal policy). The APPC makes the decision for suspension or permanent academic dismissal. Except where prior approval has been granted by the Dean of Students, a suspended or

dismissed student will not participate in any SCNM-sponsored activities and will be barred from the College's property during the suspension period and/or after dismissal.

Academic Dismissal

Students demonstrating unsatisfactory academic progress will be considered for dismissal. After being placed on academic probation for the second time, a student will be considered for dismissal if any of the following occur:

- The student's cumulative GPA falls below the minimum cumulative GPA requirement for their prescribed program of study. (See Cumulative GPA Requirement for prescribed program of study.)
- The student does not meet the minimum academic requirements (See Minimum Academic Requirements for prescribed program of study.)
- The student fails a course after being placed on the second level of academic probation
- The student fails the same course for the second time during any portion of their enrollment at SCNM (a course includes any didactic or clinical course in the prescribed program of study)

At any time in the program, SCNM reserves the right to dismiss a student when his/her academic record is deemed unsatisfactory. Likewise, a student whose total record shows considerable ability and marked improvement may be given special consideration.

Students may be subject to disciplinary actions, including suspension and dismissal, for failure to follow the Code of Student Professional Conduct and Academic Honor policies as outlined in the Student Handbook (see Student Handbook).

Students subject to dismissal will receive a letter from the Registrar's Office. A copy of this letter will be forwarded to the Dean of Students, Academic Policy and Progress Committee, and the Vice President of Academic Affairs.

Dismissal Appeal Process

The student will be informed that they have five (5) business days in which to request an appeal to the APPC regarding dismissal. The student will receive a written notification from the Dean of Students regarding the outcome of the appeal.

The Dean of Students will communicate this decision to the Vice President of Academic Affairs. The student will have five (5) business days to appeal in writing to the Vice President of Academic Affairs (or his/her delegate), whose decision is final. While pending appeal for dismissal, a student may not enroll in or attend any courses, may not participate in any SCNM-sponsored activities, and will be

barred from SCNM's property unless permission is given by the Dean of Students. Students who have been dismissed will not be readmitted to the college under any circumstances.

Academic Honor List

A full-time student who is enrolled in at least 12 didactic credits for the ND program or 4 didactic credits for the MS programs and earns a quarter GPA of 4.0 shall be placed on the honor list for that quarter and will receive a letter from the Dean of the program. Students are not eligible for the honor list in any quarter in which they receive an "I" incomplete or an "F"/"U" grade. When an "I" is resolved, however, students who are otherwise eligible shall be added retroactively to the academic honor list for that quarter.

Student Course Evaluations

The purpose of course evaluations is to provide opportunities for the improvement of instructional methodology and the enhancement of the learning environment. Students are encouraged to complete evaluations near the end of each quarter. The Academic Affairs Department tabulates the information from these evaluations and provides the aggregated results to SCNM faculty, administration, and students.

Transcripts

A transcript is a student's official academic record of courses taken and grades earned. An official transcript will bear the signature of the Registrar as well as the official SCNM seal and will be mailed directly to the address provided by the student. An unofficial transcript issued by SCNM is marked "unofficial." The degree earned by the student at SCNM is recorded on the transcript after conferral of the degree and completion of all graduation requirements for the prescribed program of study. Students are considered to be in good academic standing unless noted. The academic status of a student (such as suspended, academic dismissal, etc), will be noted on the transcript.

Students may obtain unofficial transcripts via MySCNM. To request official transcripts to be sent to other institutions, students must complete and sign the appropriate form available on MySCNM or in the Registrar's Office. Requests by mail must include the following information: name, identification number, date of birth, first and last dates of attendance, current return address, daytime phone number, signature, and specific mailing address for each transcript ordered.

Transcripts are issued within one week from the date the request is received. The Registrar's Office may not release transcripts or any certifications for non-enrolled students or

graduates who have a financial encumbrance. Only SCNM transcripts may be released. Transcripts and documents from other institutions are the property of SCNM and, as such, are under the control of the Registrar's Office. Under Federal policy, a student has the right to view the documents in his or her file; the College is not required to provide (or allow the making of) copies of these documents. Transcripts submitted for admission or credit transfer become the property of SCNM and cannot be copied by or returned to the student or forwarded to other institutions.

Institutional Graduation Requirements

Candidates for all programs must fulfill the following institutional graduation requirements:

- Satisfactory completion of all courses in the prescribed curriculum
- Satisfactory discharge of all academic and/or disciplinary sanctions
- Fulfillment of all financial obligations to SCNM
- Recommendation from the Faculty Senate

See ND Graduation Requirements for additional program requirements.

Graduation Ceremony Requirements

The minimum requirements to participate in the graduation ceremony include the satisfactory completion of all courses listed in the prescribed program of study, submission of the graduation application, and payment of the Graduation Fee (see Tuition and Fees).

Graduation/Issuance of Diplomas

Toward the end of a student's program, the Registrar's Office conducts a formal audit to determine satisfactory completion of graduation requirements for the student's prescribed program of study. Results of the audit are provided to each student, who has the responsibility to respond to any deficiencies in order to fulfill requirements for graduation. The Registrar's Office issues diplomas four times a year following the conferral of the degree at the end of each academic term. The diploma is only issued when the student has fully satisfied graduation requirements for the prescribed program of study and all financial obligations to SCNM, including completion of the Federal Direct Loans exit counseling.

Student Services and Policies

Student Support Services

Student Affairs

The Division of Student Affairs is responsible for all enrollment services, promoting student support programs, and addressing student and SCNM-wide issues affecting the educational experience. Student Affairs actively supports student learning experiences and the educational environment.

The Division of Student Affairs includes Admissions, Financial Aid, the Registrar's Office, the Dean of Students' Office, the Career Services Center, and the Welcome and Enrollment Center. These departments are committed to developing a positive student experience while providing support and services that respond to the needs of the SCNM campus-based and online distance learning communities.

Student Services

Student Services at SCNM includes the Student Success Center which houses the Dean of Students, the Career Services Center, Student Advisor and Engagement Coordinator, Learning Specialist, and student counseling services. Together, these offices provide students with the necessary services to support their educational experience at SCNM.

Dean of Students

The Dean of Students oversees the personal and educational progress of matriculated students, student grievances, appeals, judicial processes, and counseling of students; administers the student code of professional conduct and ND community service program; liaises with student government; and assists students in a wide range of areas and needs, including international student matters and ADA accommodations. Students are encouraged to contact the Dean of Students for information or assistance. A more complete description of the services provided by the Dean of Students' office is included on MySCNM and in the SCNM Student Handbook.

Academic Advising

Academic advising is available to all students through Student Affairs. Each student's academic progress is evaluated on a quarterly basis. Students are encouraged to meet with an academic advisor to assist with academic challenges, as well as life changes that would impact their progress in the program of study. Academic advisors are

available to guide and assist students throughout their program, but ultimately the choice of courses and verification of requirements is the responsibility of the student. Doctor of Naturopathic Medicine students who deviate from the prescribed program track are required to meet with an academic advisor each quarter during the designated period to develop a schedule for the next quarter (See the Academic Advising page on MySCNM for more information.)

Learning Specialist

The Learning Specialist provides academic support to SCNM students via individual and group sessions throughout the entire academic year. Students are encouraged to contact the Learning Specialist for information or assistance with the following services: tutoring, study skills assessments and strategies, test-taking strategies, test anxiety, organization, time management, and note taking. The Learning Specialist also assists in the development of personalized academic success plans. Tutoring is also offered throughout the week at the Doctore Development Center on the SCNM campus and through online resources. (See the Learning Resources page on MySCNM for more information.)

Career Services Center

The Career Services Center assists prospective and current SCNM students and alumni in pursuing and obtaining career opportunities. The Center supports students in developing prospective employment opportunities and mentors by providing information about health professions, curriculum vitae and cover letter preparation, and personal coaching. Conference and networking opportunities are also promoted by the Career Services Center to create a wealth of outside learning opportunities and professional relationships.

The Career Services Center maintains the Career Center on MySCNM, which includes career resources, networking opportunities, resume building advice, and webinars. SCNM does not guarantee job placement upon completion of the programs or upon graduation. The Career Services Center collects data on employment rates through annual student and alumni surveys; a summary of results is available on the College website.

The Center works with students in developing a personal action plan with the goal of securing a professional position prior to graduation. Students are encouraged to take advantage of the Career Services Center's programs early in their course studies. (See the Career Center pages on MySCNM for more information.)

Student Services and Policies

Counseling Services

Life in graduate school is a time of great change and personal growth. For many students, there are times when all the demands and excitement may feel overwhelming. SCNM understands that students need many kinds of support to help them succeed and therefore offers counseling services to enrolled students. (See the Counseling Services page on MySCNM for more information.)

Doctorè Development Center (DDC)

The Doctorè Development Center (DDC), founded in memory of former SCNM basic science faculty member Dr. Thomas Richards, is a formal, peer-based, tutoring center staffed by current students in excellent academic standing. Tutors provide free virtual and campus-based one-on-one and group tutoring in a structured environment, helping with specific course content, study skills, time management, and general advice for students learning to adapt to the intensity of their respective programs. The Office of the Dean of Students works closely with the Learning Specialist to facilitate the DDC. This includes oversight of tutor selection, orientation, scheduling, and communication between tutors, students, faculty, and administration. The mission of the DCC is to create a supportive learning environment for students to develop their skills as future professionals.

Welcome and Enrollment Center

The Welcome and Enrollment Center is a one-stop-shop that integrates visitor services, financial aid, registration and records, admissions, and support functions. Students can obtain admissions information, enrollment forms, financial aid assistance forms, general student records, and registration information and assistance at the Welcome and Enrollment Center. The Center is located on the first floor of the SCNM Community Commons Building and is available by phone at 480-858-9100.

Student Clubs and Organizations

Numerous organizations/clubs offer a diverse range of activities to supplement and augment the student educational experience, as well as provide social and professional opportunities. For more information on a student organization or to create a student organization, contact the SGA president or Dean of Students. (See the Clubs page on MySCNM for more information.)

Student Government Association

Membership in the SCNM Student Government Association (SGA) is open to all currently enrolled students who are in good academic standing. The association represents the interests of the student body, acting as a liaison among the administration, faculty, and students. Elected representatives representing each program meet regularly. These representatives bring student concerns to the proper channels for resolution. There is student representation on the College Board of Trustees and other program-related regulatory boards and professional associations. The Dean of Students oversees all SGA activities and is available to respond to any additional questions or for clarification.

SCNM Alumni and Alumni Association

The Alumni Services Office within the Student Affairs Division connects alumni to the College through social, informational, and educational benefits and opportunities. For more information on alumni benefits or associations, please contact the Alumni Office at 480-858-9100 or alumni@scnm.edu. (See the Alumni page on MySCNM for more information.)

Student Policies

Rights and Responsibilities

SCNM expects students to conduct themselves in an honest, responsible, and professional manner at all times. The rules of student conduct are an expectation of student behavior regardless of the location of the alleged violation/infraction. Students are expected to be respectful to others, both in and outside of the SCNM community; and to demonstrate professional behavior, accountability, and high ethical standards.

SCNM is dedicated to providing an excellent educational environment for its students, with challenging and comprehensive coursework and practical experience; programs that enhance and assist students in their daily and professional lives; and practical, fair, and timely appeal and dispute procedures.

The following policies inform students of their rights and responsibilities and outline administrative procedures. More detailed information about student-related policies and procedures are included in the SCNM Student Handbook and the SCNM Clinical Handbook. Additional copies of both

Student Services and Policies

student handbooks are available on MySCNM, at the Welcome and Enrollment Center, or in the Student Success Center.

SCNM reserves the right to update policies and procedures pertaining to student rights and responsibilities at any time. Students may be informed of policy changes via e-mail or official updates to the SCNM Course Catalog, SCNM Student Handbook, or the SCNM Clinical Handbook at any time. Students are responsible for the most current version of these publications as they supersede all previous versions.

Benefits at SCNM Medical Facilities

As a commitment to the health and well-being of our students, the SCNM Medical Center and Neil Riordan Center for Regenerative Medicine provides discounted medical care to SCNM students and their family, including their spouse, domestic partner, child (18 and under), and parent. Discounts are also available in the SCNM Medicinary and for certain services such as laboratory IVs and injectables. For more information, contact the SCNM Medical Center.

Campus Safety and Security

SCNM meets OSHA standards for a safe workplace in an institution of higher learning. Students are asked to report any unsafe conditions to the Facilities Office. If an unsafe condition is not resolved, the student should submit a written report to the Dean of Students. Any on-campus student injury must be reported to the Dean of Students and the Facilities Office immediately.

The Federal Campus Security Act of 1990 requires that an annual report on campus crime be made to members of the SCNM community. This report is available on the SCNM website and in the Facilities Office. All buildings are locked nightly. Any security issues or concerns should be reported to the Facilities Office. Students should be aware of personal security practices, including being observant of their surroundings, locking automobiles, walking in pairs, and guarding belongings. Students requesting a security escort to their vehicle may contact the Facilities Office at any time for assistance.

Criminal Conduct/Theft

Theft is considered a serious infraction of the Student Professional Code of Conduct and Academic Honor (see SCNM Student Handbook). All students are expected to observe national, state, and local laws and ordinances. Conduct that SCNM officials think violates laws and ordinances will be reported to the proper authorities. Conduct that violates the provisions of SCNM will be handled according to the prevailing student disciplinary

process and may result in suspension or dismissal. Detailed descriptions and/or policy changes can be reviewed with the Dean of Students.

Courtesy Phones

Courtesy phones are available in the student lounge area in the Academic Building at SCNM and the medical reference room at the SCNM Medical Center. Students are asked to limit their calls to allow all students access to the phones. Students are not permitted to use SCNM office or SCNM Medical Facility phones without permission. Only emergency messages will be taken by SCNM personnel and will be communicated appropriately and promptly whenever possible.

Employment at the College

SCNM offers campus-based students federal work study and other employment opportunities as needs arise. Students must be in good standing to be eligible for aid as well as employment at SCNM. More information on student employment at SCNM is available in the SCNM Student Handbook.

Housing

While SCNM does not provide student housing, information on housing near campus may be obtained through MySCNM. Prospective and current students may advertise for roommates or housing on designated campus bulletin boards.

Identification Cards

Each campus-based student is issued a photo identification card during orientation. Students enrolled in online distance learning programs can download electronic identification cards (see the Information Technology page on MySCNM) but are eligible to obtain a photo identification card if they are on campus. All students are required to wear and keep their photo ID in their possession at all times when on campus or at any SCNM-affiliated site (please refer to the ID Card Policy on MySCNM). The photo ID is used as a security measure and is required for students to gain access to various academic buildings, as well as certain services such as library borrowing and copy/printer privileges. The first card is provided free of charge. Replacement cards are available for a fee. (See Tuition and Fees.)

Lobbying/Political and Legislative Activity

The tax-exempt status of SCNM affects all staff and students. Tax-exempt organizations are limited in their political and legislative activity, even if the lobbying activity would contribute directly and substantially to meeting SCNM's tax-exempt purposes. Lobbying is also prohibited on SCNM premises, using SCNM technology, or at any SCNM function unless the activity is pre-approved by the President and the Dean of Students within 15 days of the event.

Medical Student Conduct

Unprofessional conduct of naturopathic medical students, including practicing without a license, will be reported to the State of Arizona Naturopathic Physicians Medical Board, in compliance with Arizona statutes.

Personal Property

SCNM is not responsible for any personal belongings of students while on campus. It is the student's responsibility to safeguard personal belongings and to remove them at the end of each class session. Any items found in the classrooms during cleaning will be removed. Check with the Welcome and Enrollment Center for lost items. SCNM reserves the right to inspect without cause desks, file cabinets, lockers, and personal property used on SCNM premises.

Safety and Prevention Courses (Everfi)

As part of our ongoing effort to support the health and safety of our entire SCNM community, SCNM partners with Everfi to bring online training courses. These courses are not for credit and are free to students. SCNM requires all incoming and current students to complete AlcoholEDU, Diversity, Equity and Inclusion, and, to ensure compliance with Title IX and the Clery Act, Sexual Assault Prevention. Additionally, prior to graduation, students are required to complete Prescription Drug Abuse Prevention and Sexual Assault Prevention - Ongoing. This requirement is enforced during registration and applies to all degree seeking students regardless of full- or part-time status.

Harassment Prohibition – Sexual and Other

SCNM has a strict policy against sexual harassment or harassment based on any legally protected basis. Conduct constituting sexual harassment, as defined herein, toward another person of the same or opposite sex is prohibited by this policy. The College explicitly prohibits harassment of any kind, both in person and in electronic formats. It is a violation of policy for any student to engage in any act or behavior constituting harassment toward any student, employee, vendor, customer, consultant, or any other individual or group of individuals with whom the institution interacts or does business. For complete information on SCNM's policies on harassment, please see the SCNM Student Handbook.

Definition of Sexual Harassment

Sexual harassment is defined as unwelcome sexual advances, requests for sexual favors, both in verbal and electronic formats, and physical conduct of a sexual nature when:

- Submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment or a student's standing; or
- Submission to or rejection of such conduct by an individual is used as the basis of employment or school decisions affecting such individual; or
- Such conduct has the purpose or effect of unreasonably interfering with an individual's work or school performance or creating an intimidating, hostile, or offensive working or school environment.

Sexual harassment takes many forms; examples of conduct which might be considered sexual harassment under this policy include but are not limited to:

- Sexual exploitation of a relationship between individuals of unequal power and authority;
- Sexual exploitation of a relationship between peers and students that could affect the workplace or educational environment;
- Repeated and unwanted requests for dates, sexual flirtations, or propositions of a sexual nature;
- Subtle pressure for a sexual relationship;
- Sexist remarks about a person's clothing, body, or sexual activities;
- Unnecessary touching, patting, hugging, or brushing against a person's body;
- Direct or implied threats that submission to sexual advances will affect or be a condition of employment, work status, or academic standing;

Student Services and Policies

- Physical assault;
- Conduct of a sexual nature that causes humiliation or discomfort, such as use of inappropriate terms of address;
- Sexually explicit or sexist comments, questions, or jokes, in writing or on t-shirts;
- Conduct of a sexual nature that creates a hostile work or educational environment.

Definition of Other Harassment

Harassment based on, but not limited to, race, color, age, sex, sexual orientation, gender, religion, national origin, citizenship, marital status, physical or mental disability, or any other protected or minority status is a violation of federal and state law.

Examples of conduct that may constitute harassment based on a legally protected class include, but are not limited to:

- The use of slurs based toward any protected group;
- Epithets or negative stereotyping;
- The use of socially unacceptable words at the workplace or in an online environment, even between employees or students of the same protected basis;
- Hazing
- Written materials that show hostility towards any legally protected basis.

Harassment is defined to include any verbal or physical conduct that creates an intimidating, hostile, or offensive work or school environment or that unreasonably interferes with an individual's work or school performance.

Discipline/Consequences

Any student who permits, does not report, or engages in sexual or other prohibited harassment will be subject to disciplinary action, including dismissal. Legal action is also possible in addition to academic consequences. Any person who is a victim of or knows someone who is the victim of such harassment behavior must immediately contact the Title IX Deputy Coordinator, (Dean of Students), and/or the Title IX Coordinator (Director of Human Resources), if a faculty or staff member is involved.

Upon notice, the Director of Human Resources and/or Dean of Students will promptly investigate each complaint of harassment as thoroughly and as confidentially as possible and will take appropriate corrective action on all confirmed violations of this policy.

At the end of an investigation, the Director of Human Resources and/or Dean of Students will put the findings in writing and forward a copy to the Vice President of Student Affairs and the President, if a faculty or staff member is

involved. The findings of the complaint and the action to be taken will be reported to the complainant and the alleged harasser as expeditiously as possible. Results may be indeterminate. If so, the matter will be recorded as unresolved, and record of the investigation will be maintained in a separate file apart from any personnel or student file. If an individual is found to have engaged in sexual or other harassment, he/she is subject to all disciplinary action for violation of this policy up to and including suspension and/or dismissal as is consistent with existing policies and procedures. This policy explicitly prohibits retaliation against an individual who in good faith makes a formal complaint of sexual or other harassment. SCNM will not allow reprisal in any form against any complaining party or corroborating witness. By the same token, irresponsible and frivolous complaints or accusations will not be tolerated and may be subject to a Code of Conduct investigation.

Drug and Alcohol Abuse and Prevention Policy

SCNM, the SCNM Medical Center, Neil Riordan Center for Regenerative Medicine, and all affiliated patient care sites are in full compliance with the Drug-free Workplace Act of 1988 and Drug-free Schools and Communities Act of 1989. SCNM will not tolerate and will act against the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance by any student or personnel at SCNM, SCNM Medical Center, Neil Riordan Center for Regenerative Medicine, through SCNM online resources, or any SCNM-affiliated patient care site or business. No student or employee is permitted on the SCNM campus or SCNM clinics' premises while under the influence of alcohol or illegal drugs. Use, possession, or distribution by a student or employee of illegal drugs on or off SCNM premises is a major offense, and such persons are subject to dismissal or immediate suspension, if proved in violation of this policy.

Higher Education Act – Drug Provision

Students are required to annually review SCNM's Alcohol and Drug Abuse and Prevention Policy. Drug and alcohol prevention information will be provided on the SCNM website and through annual emails to ensure that students have read and are aware of the Higher Education Act (HEA) Drug Provision, amended in 1998.

For complete information on SCNM's Alcohol and Drug Abuse Prevention Policy, see the SCNM Student Handbook.

Student Services and Policies

Personal Appearance and Professional Behavior

Campus-based students are expected to dress appropriately and to maintain a clean and neat appearance at all times. Overly tight or extremely baggy garments, immodestly revealing attire, sleep wear or under-garments worn as outerwear, and clothing with offensive graphic designs or statements are prohibited. Footwear must be worn on campus and in campus buildings. Close-toed shoes are required footwear in the SCNM Medical Center, Medicinary, and Neil Riordan Center for Regenerative Medicine facilities at all times. Dress at all SCNM medical facilities is professional only. For complete dress guidelines in clinical environments. (Please see the SCNM Clinical Handbook.)

Animals on Campus

Only certified service animals, as approved by the Dean of Students' Office, are permitted on campus. All service animals must have visibly identifiable recognition of their function at all times. Owners are responsible for any damages that may occur to facilities and are responsible for appropriate training for the animal. The Dean of Students may require additional health or safety protocols, if deemed appropriate. All other animals, including emotional support animals, are prohibited from campus.

Visitors on Campus

Students may have visitors, including children, friends, and family members, on SCNM premises subject to the following limitations:

- All visitors must check in at the Welcome Center in the Community Commons Building upon each visit and receive a visitor badge.
- The student with whom they are visiting must accompany all visitors at all times.
- Adult visitors are only permitted in classroom areas with prior permission of the faculty member. However, they may be asked to leave immediately, at any time and for any reason, at the discretion of the faculty member.

The student assumes responsibility and all liability for their visitor's actions.

Children on Campus

Children are permitted on campus only under the following conditions:

- Children are only allowed in common areas with adult supervision but are prohibited from all classrooms and labs.

- Children must be accompanied by an adult at all times, including in the SCNM Medical Center, Neil Riordan Center for Regenerative Medicine, SCNM Medicinary, and the Café. Unaccompanied children, and their parent or guardian, once found, will be requested to leave the campus.
- Children under 6 months are not permitted on campus at any time.

SCNM assumes no responsibility or liability for infants/children under their parent's or guardian's care.

Food in Classrooms and Laboratories

Eating in the classrooms is discouraged. The consumption of food and drinks, within reason, is permitted in the classroom. However, students are asked to be considerate of others and to avoid consuming food items that create messes, smells, and/or noise. Students are expected to dispose of all trash and take responsibility for cleaning spills, food crumbs, etc. All classrooms offer food-free zones in the front of the classroom. Adequate breaks are provided so that students may eat in the student lounge or in designated areas on campus. For health and safety reasons, neither food nor beverages are allowed in the laboratories or in any patient-contact area, with the exception of bottled water.

Where necessary to address a documented ADA accommodation, the school reserves the right to implement a ban on either specific foods and beverages or a total ban of all items in the classroom, as needed. Students will be notified at the beginning of the term if there is any such ban, its scope and extent. (For more information, please see the Consumption of Food and Beverage in Instructional Areas policy on MySCNM.)

SCNM Promotional Photographs and Images

From time to time, SCNM community members may be asked to meet with a reporter or photographer who wishes to learn more about SCNM. If a member of the media contacts you directly, refer the request to the Marketing Department, marketing@scnm.edu.

In order to promote SCNM and the SCNM Medical Centers through various media, including but not limited to television, the SCNM website and affiliated social media sites, magazines, journals, newspapers, and internally developed publications and advertisements, faculty, staff, and students may be photographed and/or video recorded. SCNM retains ownership and reserves the right to publish these photographs and videos.

Student Services and Policies

Student Appeals and Grievances

Any student may informally or formally lodge an appeal or grievance on any matter related to status as a student at SCNM. Complete information on the policies and procedures concerning appeals and grievance procedures is available in the SCNM Student Handbook. Student grievance forms can be found on MySCNM. If the student's complaint cannot be resolved after exhausting the institution's grievance procedures, the student may file a complaint with the Arizona State Board for Private Postsecondary Education. The student must contact the state board for further details:

Arizona State Board for Private Postsecondary Education

1400 W. Washington, Room 260
Phoenix, AZ 85007
(602) 542-5709 | azppse.gov

SCNM Library

The SCNM Library augments the curriculums by providing knowledge-based resources of core medical books, journals, and electronic databases in general and naturopathic medicine and health sciences.

Visit the library to study, check out books, ask for research help, or use the desktop PC computers. Computers in the library are equipped with high-speed internet, on-demand printer capability, and the latest software. The copy machine and campus-based student mailboxes are also located in the library. The library has quiet study areas, including enclosed study rooms for private or group study. The study areas are accessible during building hours, and the front desk is staffed on weekdays, closing on Saturday, Sunday, term breaks and campus holidays.

Collections

The library print collection specializes in topics of acupuncture, botanical medicine, homeopathy, hydrotherapy, mind-body, nutrition, and traditional Chinese medicine, numbering approximately 5,100 titles. A rare and historical naturopathic medical book collection dates back to the early 1800s. A single copy of each required textbook can be found in the reserves collection.

An increasing number of electronic books, journals, and specialized medical, naturopathic, and nutrition-related databases supplement the print collection. The electronic database resources are accessible through wi-fi on campus with any personal computing device, from the desktop computers on campus, and remotely from off-campus.

Finding items on the library shelves, in electronic books and journals, or in PubMed is simple using the iSearch tool, which can be found on the library webpage at <http://my.scnm.edu/ICS/Library/>.

Library Services

The library offers instruction about library resources, research assistance, interlibrary loan, classroom instruction, computer assistance, and exam proctoring. Requests can be made through Interlibrary Loan for journal articles that are not available from the SCNM library and are provided at no cost to students in good standing.

Account

A library account is created for students, enabling them to

- Renew items checked out
- Place holds on books
- Check for library fines
- Review items checked out
- Request articles through Interlibrary Loan
- Send messages to the library

Borrower Privileges

- Check out books and multi-media items
- Remotely log into electronic databases
- Request journal articles through Interlibrary Loan

See Tuition and Fees for applicable library fines

Affiliation and Membership with Library Organizations

- Arizona Library Association (AzLA)
- Central Arizona Biomedical Libraries (CABL)
- Medical Library Association (MLA)
- Medical Library Group of Southern California and Arizona (MLGSCA)
- National Network of Libraries of Medicine (NN/LM)

Library Policies

The library encourages a quiet study environment. All patrons must act responsibly and abide by library policies. The library has the right to deny services to patrons who violate policies as noted below.

- Drinks with lids and snack foods are permitted in the library, except in study rooms that are clearly marked as "Food and Beverage Free"
- No animals other than service dogs allowed
- Children must be accompanied by an adult
- Cell phone calls must be taken outside of library

Library Privileges during a Leave of Absence

Students in good standing with SCNM have full borrower privileges and full access to electronic databases.

The Registrar's Office notifies the library of students approved for a leave of absence (LOA). Students approved for an LOA must return all library items and pay any outstanding fines prior to LOA approval. Depending on the type of leave of absence, students may not have borrower privileges or remote access to electronic databases.

Leave of Absence type	Library Privileges
Medical, Military, or Personal LOA/ALOA	Full Privileges and Full Access
Library Suspension	No Privileges and No Access
School Dismissed	No Privileges and No Access
School Suspension	No Privileges and No Access
School Withdrawn	No Privileges and No Access

Alumni Library Privileges

The SCNM library supports students as they move forward into their professional careers, and for six months after graduation students have full access to library resources. Alumni have all borrower privileges, except remote access to electronic medical databases. Library resources on MySCNM offer graduates web links and Open Access resources, as well as a few unique resources and materials only accessible through your MySCNM log-in. This includes using the iSearch feature to locate and identify resources.



DOCTORATE PROGRAM

ND Admissions.....	40
ND Program Partnerships.....	44
ND Student Services	45
ND Academic Support	45
ND Academic Policies.....	46
ND Academic Departments.....	50
ND Academic Coursework.....	52
ND Clinical Exam Calendar	54
ND Four Year Program of Study	55
ND Five Year Program of Study	63
ND Course Descriptions	72
ND Selectives Course Descriptions.....	86



Doctor of Naturopathic (ND) Program

Philosophy

Naturopathic medicine concentrates on whole-person wellness; the medicine is tailored to the patient and emphasizes prevention and self-care. Naturopathic medicine attempts to find the underlying cause of the patient's condition rather than focusing solely on symptomatic treatment. Naturopathic doctors cooperate with all other branches of medical science, referring patients to other practitioners for diagnosis or treatment when appropriate.

Naturopathic doctors (NDs) are primary care physicians clinically trained in natural therapeutics with a philosophy derived in part from a Hippocratic teaching more than 2,000 years old: *vis medicatrix naturae*—nature is the healer of all diseases. Their practice is based on the same basic bio-medical science foundation as that of allopathic practice. However, their philosophies and approaches differ considerably from their conventional counterparts.

Naturopathic doctors diagnose disease and treat patients by using natural modalities such as physical manipulation, clinical nutrition, herbal medicine, homeopathy, counseling, acupuncture, and hydrotherapy, among others. They choose treatments based on the individual patient, not based on the generality of symptoms. This approach has proven successful in treating both chronic and acute conditions.

The precepts that guide the practice of naturopathic medicine include the Seven Principles of Naturopathic Medicine, The Therapeutic Order, and The Components of Patient Centered Care.

Naturopathic Principles

These seven principles guide the therapeutic methods and modalities of naturopathic medicine.

First Do No Harm - *primum non nocere*

Naturopathic medicine uses therapies that are safe and effective.

The Healing Power of Nature - *vis medicatrix naturae*

The human body possesses the inherent ability to restore health. The physician's role is to facilitate this process with the aid of natural, nontoxic therapies.

Discover and Treat the Cause, Not Just the Effect - *tolle causam*

Physicians seek and treat the underlying cause of a disease. Symptoms are viewed as expressions of the body's natural attempt to heal. The origin of disease is removed or treated so the patient can recover.

Treat the Whole Person - *tolle totum*

The multiple factors in health and disease are considered while treating the whole person. Physicians provide flexible treatment programs to meet individual health care needs.

The Physician Is a Teacher – *docere*

The physician's major role is to educate, empower, and motivate patients to take responsibility for their own health. Creating a healthy, cooperative relationship with the patient has a strong therapeutic value.

Prevention Is the Best "Cure" – *praevenire*

Naturopathic physicians are preventive medicine specialists. Physicians assess patient risk factors and heredity susceptibility and intervene appropriately to reduce risk and prevent illness. Prevention of disease is best accomplished through education and a lifestyle that supports health.

Wellness – *Salus*

Establish or re-establish health and well-being.

Therapeutic Order

Re-establish the basis for health

Remove obstacles to cure by establishing a healthy regimen

Stimulate the healing power of nature

Use various systems of health such as botanicals, homeopathy, Chinese medicine, Ayurvedic medicine, nutrition, and mind-body medicine

Tonify weakened systems

Use modalities to strengthen the immune system, decrease toxicity, normalize inflammatory function, optimize metabolic function, balance regulatory systems, enhance regeneration, and harmonize life force

Correct structural integrity

Use therapeutic exercise, spinal manipulation, and massage, cranial-sacral to return to optimal structural condition

Prescribe specific natural substances for pathology

Use vitamins, minerals, and herbs to return to and promote health

Prescribe pharmacotherapy for pathology

Use pharmaceutical drugs to return to and promote health

ND Program Information

Prescribe surgery, pharmacotherapy

Use aggressive therapies to attempt to maintain health



Taken from "A Hierarchy of Healing: The Therapeutic Order"
Pamela Snider, ND; Jared Zeff, ND, Lac; and Stephen Myers, ND, BMed, PhD.

Components of Patient-Centered Care

- Exploring the disease and the patient's illness experience
- Understanding the whole person
- Finding common ground with the patient regarding management/treatment options
- Incorporating prevention and health promotion
- Enhancing the doctor-patient relationship
- Being realistic

Adapted from: Huang, WY. *Fam Med* 2002;34 (9):644-5

Licensure

At the time of this printing, 22 states, the District of Columbia, the U.S. territories of Puerto Rico and the U.S. Virgin Islands, and five Canadian provinces have licensing laws for naturopathic physicians. In these states naturopathic physicians are required to graduate from an approved four-year naturopathic medical school and pass extensive postdoctoral board examinations in order to receive a license.

The North American Board of Naturopathic Examiners (NABNE) administers and provides the Naturopathic Physician Licensing Examination (NPLEX) which is comprised of biomedical science and clinical science examinations that are used in North America to license graduates of approved naturopathic medical schools. Once licensed, naturopathic physicians must practice within a specific scope of practice defined by their state's law and fulfill state-mandated continuing medical education requirements annually. It is the responsibility of the

student/graduate to determine the licensure laws or scope of practice in the state in which he/she intends to practice.

Naturopathic physicians practicing in the state of Arizona enjoy one of the broadest scopes of practice within the United States. The state of Arizona Naturopathic Physicians Medical Board (NPMB) regulates the practice of naturopathic medicine in the state of Arizona. This includes applications and fees for students planning to enter clinical training and new graduates applying for licensure.

For more information about licensure in Arizona, contact:

Arizona Naturopathic Physicians Medical Board

1740 W. Adams Ste. 3002, Phoenix, AZ 85007

Tel: (602) 542-8242 | www.aznd.gov

For more information about licensure in the United States and its territories, contact:

American Association of Naturopathic Physicians (AANP)

300 New Jersey Ave NW, Suite 900, Washington, DC 20001

Tel: (202)-237-8150 www.naturopathic.org

For more information about licensure in Canada, contact:

Canadian Association of Naturopathic Doctors (CAND)

20 Holly Street, Suite 200, Toronto, Ontario, CAN M4S 3B1

Tel: (800) 551-4381 | www.cand.ca

For information about licensing examinations for the United States and Canada, including NPLEX, contact:

North American Board of Naturopathic Examiners (NABNE)

9220 SW Barbur Boulevard, Suite 119, #321, Portland, OR 97219

Tel: (503) 246-0694 | www.nabne.org

Scope of Practice

As Arizona maintains one of the widest scopes of practice in the United States for naturopathic medicine, the physicians practice general medicine and utilize a wide variety of therapeutics including diet and lifestyle modifications, nutritional supplementation, botanical medicine, homeopathy, counseling, mind-body medicine, oriental medicine, acupuncture, naturopathic manipulative therapies, physical medicine, hydrotherapy, minor surgery, prolotherapy, IV micronutrient therapy, and pharmacotherapy. The SCNMC Medical Center and Neil Riordan Center for Regenerative Medicine offer opportunities for students to work with a diverse group of medical practitioners including naturopathic physicians,

ND Program Information

medical doctors, an Oriental medical doctor, acupuncturists, neurofeedback/ biofeedback specialists, and cranial sacral therapists.

SCNM is committed to providing students diverse clinical settings to deliver patient care. In addition to clinical clerkships at the SCNM Medical Center and Neil Riordan Center for Regenerative Medicine, SCNM physicians and students provide care to underserved patient populations at a variety of community clinics. These clinics are staffed by faculty members who oversee both the students' education and the patients' care. The community clinics provide students access to a broad range of patient populations and disease conditions not regularly seen at the SCNM medical facilities. (For a list of these clinics, see Extended Sites Community Clinics.)

The legal aspects of practicing naturopathic medicine vary by state in the United States and by province in Canada. In those states and provinces in which naturopathic physicians are licensed, NDs may see patients for general healthcare and for the diagnosis and treatment of acute and chronic conditions. Their scope of practice may include nutritional science; botanical medicine; naturopathic manipulative therapies and other physical medicine; Oriental medicine; homeopathy; mind-body medicine; natural childbirth; minor surgery; prescriptive authority, including immunizations; and all methods of laboratory, x-ray, and clinical diagnoses. The state of Arizona offers one of the widest scopes of practice for naturopathic physicians in the United States.

Practicing Without a License

In Arizona, practicing naturopathic medicine without a license involves the diagnosis or treatment of any patient by an unsupervised naturopathic medical student or any other unlicensed person where money may or may not be exchanged. Arizona Revised Statutes (ARS Title 32) defines practicing without a license as any conduct involving the unauthorized, intended, or perceived practice of any of the healing arts, including but not limited to the unauthorized practice of naturopathic medicine or other healing arts, regardless of whether the violation ultimately results in conviction or prosecution under relevant laws, and regardless of whether the violation results in any sanction or other formal or informal action by any administrative or regulatory body outside the College. (For more information, please see the SCNM Student Handbook.)

ND Admissions

ND Admissions

Applicants are required to meet and adhere to the Institutional Admission Policies and Requirements as well as the Admission Policies and Requirements for their specific program (see the Institutional Admissions Policies). This section contains admission policies and requirements specific to the Doctor of Naturopathic Medicine program.

ND Admissions Requirements

Prospective students who wish to enter the Doctor of Naturopathic Medicine program in the 2019-2020 academic year must complete and submit the following requirements prior to matriculation.

1. 4-year Baccalaureate degree or equivalent (contact admissions department for requirements) is required. Total postsecondary coursework must be completed at an accredited or candidate college or university. Within the US, accreditation must be recognized by the U.S. Department of Education. See International Applicants for more information.

Subject Requirements/ Prerequisite Coursework

Area	Sem. Credit	Qtr. Credit	Notes
Biology	12	18	Courses with lab, for science majors
Organic chemistry	3	4.5	Chemistry courses with lab for science majors
Biochemistry or an additional general organic chemistry	3	4.5	For science majors
Psychology	3	4.5	Behavioral, cognitive learning, and some social sciences courses will also be considered
English	6	9	One course in English composition required
Humanities	6	9	Acceptable coursework includes philosophy, art, history, foreign language, religion, women's studies

Coursework that is 7 years or older may need to be retaken.

2. Submission of application and application review. Following receipt of all required materials and credentials (see Application for Admission), the Admissions Office will contact those qualified applicants selected to interview with the Admissions Committee.

The Admissions Committee will review applications, interview candidates for admission, and render admission decisions.

Applicants should also have knowledge of computers. In the first two years students need access to a reliable computer and software for completing coursework. A laptop is required once students enter clinic. For more information, contact the Admissions Office. The above list indicates minimum requirements, but it should not be inferred that admission is probable for any applicant who meets them.

CLEP Examinations Accepted

Applicants for admission may substitute the College Level Examination Program (CLEP) exam(s) for select academic prerequisites listed below. Information regarding exams can be obtained from CLEP at (609) 771-7865 or www.clep.org. To report examination scores to SCNM, use score report code #7563. An official score from the College Board/CLEP must be mailed directly to SCNM.

CLEP Examination	Credit Equivalent	Minimum Score
(ENG) Fresh. College Comp.	6 sem. or 9 qtr. credits	44
(PSY) Human Growth and Dev.	3 sem. or 9 qtr. credits	45
(PSY) Intro. to Edu. Psychology	3 sem. or 4.5 qtr. credits	47
(PSY) Intro. to Psychology	3 sem. or 4.5 qtr. credits	47

ND Application for Admission

All applicants to the Doctor of Naturopathic Medicine program must apply online either directly through SCNM or through NDCAS. To apply, go to <https://portal.ndcas.org>.

Prospective students who wish to enter the ND program must complete the application materials and meet the following application requirements:

1. Application through NDCAS (<https://portal.ndcas.org>) or through www.scnm.edu
2. Non-refundable application fee payable to either SCNM or NDCAS (See Tuition and Fees).
3. Three letters of recommendation

- One academic reference
 - One regulated health care professional reference
 - One additional reference from either of the above categories or from an employer/volunteer supervisor
3. Essay
 4. Curriculum vitae/resume
 5. Official transcripts

Official transcripts from all post-secondary institutions attended, including military training transcripts for veterans, traditional college coursework, and vocational training, showing completion of academic requirements.

7. In-person interview (qualified applicants selected for interview will be contacted by the Admissions Office)
8. Criminal background check

SCNM requires applicants who are offered admission to undergo a criminal background check. SCNM has contracted with Certiphi Screening, Inc. to facilitate the criminal background check. There is a fee for the service, payable directly to Certiphi. The applicant's offer of admission will not be considered final, nor will the applicant be permitted to enroll, until completion of a background check with results deemed acceptable by SCNM. Convictions of a criminal offense, other than a minor traffic offense, are required to be disclosed, including the nature of the offense and what disposition occurred as a result of that offense. This disclosure must be made whether or not a sentence was served and/or civil rights have been restored, or whether the conviction(s) were expunged from the record. A prior felony conviction does not necessarily preclude an applicant from being admitted to SCNM, but professional licensing boards in the state of Arizona and elsewhere may refuse to issue a license if an individual has a felony or other conviction on his or her record.

9. A signed agreement to abide by SCNM's Alcohol and Drug Abuse Prevention Policy

10. International applicants must also satisfy these additional application requirements:

- International transcript evaluation for all work completed in a foreign country
- A complete financial guarantee form with proof of sufficient financial resources to cover anticipated costs of study
- Copy of current passport
- SCNM reserves the right to require international applicants whose first language is not English to provide an English Language Test report (IELTS or TOEFL preferred) from an approved testing site. SCNM requires a minimum score of 80 on the Internet-based test or IELTS Band 6.5. Additionally, international

students may be required to complete a medical terminology course with a C or better. (See International Applicants.) Test results must be received prior to issuance of full admission. (For more information please contact the Admissions Office at admissions@scnm.edu.)

11. Transfer Credit

Students entering the Doctor of Naturopathic Medicine Program who have completed coursework or have graduated from a domestic or foreign accredited professional school or program (i.e., ND, MD, DO, DC, DDS, etc.) may apply for transfer credit. Transfer credit will be determined during the admissions process and will not be considered after matriculation. (See Transfer Credit Policy.)

Technical Standards

An SCNM Doctor of Naturopathic Medicine student must possess aptitude, abilities, and skills in all five areas listed below and be able to meet them with or without accommodation. If at any time the student can no longer meet these technical standards or requires additional accommodations, the Dean of Students must be notified immediately:

1. Observation

Students must be able to perceive demonstrations, conduct experiments, and tolerate normal conditions associated with the basic sciences, including, but not limited to: anatomic dissections of preserved tissues and cadavers, microbiologic cultures, microscopic studies of microorganisms, and animal and human tissues in normal and pathologic states. A student must be able to examine patients accurately in a clinic environment, comprehending non-verbal and verbal signals. Specific observational requirements include but are not limited to the following abilities: detecting and identifying significant changes in bodily fluids, culture medias, and other tests; interpreting findings on x-rays and other imaging tests; efficiently comprehending written and illustrated material; identifying microscopic intracellular details; comprehending classroom instructional materials in various formats; identifying and differentiating changes in body mechanics; detecting anatomic structures; effectively utilizing a broad array of diagnostic instruments and tools.

2. Communication

Students must be able to understand and relate effectively and sensitively to patients of all genders, ages, races, lifestyles, sexual orientations, and cultural backgrounds and be able to convey a sense of consideration and responsiveness. Students must be able to effectively interact with patients in order to elicit information, including

ND Admissions

discerning a patient's changes of mood, activity levels, and body mechanics; and be able to perceive all forms of communications. Students must be able to communicate effectively with all members of the health care team. Specific requirements include, but are not limited to, the following abilities: communicating clearly with the medical team during a case report, eliciting a thorough history from patients, and communicating complex findings in appropriate terms to patients and to various members of the health care team. Students must be able to interpret and respond to patients' various emotional states, as well as determine when a patient does not understand the physician's instructions. Students must be able to comprehend and accurately record patient observations and plans, in documents such as the patient record. Students must be able to communicate concise and complete summaries of individual patient meetings. Students must be able to complete needed medical documentation in a timely fashion.

3. Sensory and motor function

Students must be able to perform a complete physical exam of patients with acuity, accuracy, and compassion on patients of all genders utilizing the appropriate diagnostic maneuvers. In general, this requires sufficient ability to detect and process all diagnostic inputs accurately, as well as the ability to maneuver patients, medical instruments, and equipment with accuracy. Methods of surgical instruction include practice on living or preserved animal tissues. A student should be able to provide general care and emergency treatment to patients in a timely manner. Examples of such emergency treatment reasonably required of physicians include responding promptly to an incident, initiating cardiopulmonary resuscitation techniques or equipment, administering intravenous medication, applying weight to stop bleeding, unblocking obstructed airways, treating wounds, and performing basic male and female maneuvers. A student should be able to learn to perform basic laboratory tests, e.g., urinalysis, completed blood count, and diagnostic and therapeutic procedures, e.g., phlebotomy, acupuncture, minor surgery and arthrocentesis. Students must be able to obtain and utilize the measurement of body angles, vitals and diameters using the appropriate medical instruments. Students must have the ability to use their body and/or the body of the patient to successfully perform common naturopathic manual procedures and techniques

4. Intellectual, conceptual, integrative, and quantitative abilities

These skills include the effective utilization of measurements, ability to calculate, effectively reason and extrapolate, analyze information, develop judgments, and

synthesize data. Clinical reasoning and problem solving, critical skills demanded of physicians, require all of these intellectual abilities and must be performed quickly, especially in emergency situations. Moreover, the effective physician often must deal with several tasks or problems simultaneously. Students must be able to identify significant findings from history, physical examinations, and laboratory data; provide a reasoned explanation for likely diagnoses; construct a reasoned and cost-effective diagnostic plan; and prescribe medications and therapy, recalling and retaining information in an efficient manner. Students must be able to recognize and communicate the limits of their knowledge to others when appropriate. The ability to incorporate new information from peers, teachers, and medical literature in formulating diagnoses and plans is essential. Good judgment in patient assessment, diagnostic, and therapeutic planning is essential.

5. Behavioral and social attributes

Students must exhibit effective personal qualities such as empathy, integrity, honesty, concern for others, and maintain effective interpersonal interactions. Students must be able to fully utilize their intellectual abilities, exercise good judgment, and complete all responsibilities attendant to the diagnosis and care of patients in all clinical and academic settings. They must be able to develop mature, professional, and effective relationships with patients of all genders, ages, races, lifestyles, sexual orientations, and cultural backgrounds, as well as with other health care providers, and with all members of the learning and working community. This requires the ability to be aware of and appropriately react to one's own emotional responses. For example, students must maintain a professional demeanor and be able to function at a high level in the face of personal fatigue, dissatisfied patients and their families, and tired colleagues. Students must be able to develop professional relationships with patients and their families, providing comfort and reassurance when appropriate while protecting patient confidentiality. Students must be able to maintain professional conduct when interacting with patients and the families of patients suffering from catastrophic illness, trauma, and death. Students must possess adequate persistence to tolerate difficult workloads and exposure to stressors, sometimes for extended periods. Students must be able to adapt to change, to exhibit flexibility, and learn to function with the uncertainties inherent in the clinical problems of many patients. Students are expected to accept appropriate suggestions and criticism and, if necessary, respond by modifying their behavior.

US Immigration and Customs Enforcement (SEVIS) Requirements

SCNM's ND program is approved by the U.S. Immigration and Customs Enforcement (SEVIS) to enroll international students on an F1 Visa. SCNM's International Student Services are handled by the office of the V.P. of Student Affairs. Additional Designated Student Officers (DSOs) include the Director of Admissions, the Dean of Students and the Registrar. International student resources can be found on MySCNM. International applicants must submit a Financial Guarantee Form and provide proof of sufficient financial resources to the Admissions Office to cover anticipated costs of study. The Admissions Office will issue a Form I-20 to be used by the applicant to obtain a student visa only after acceptance to SCNM and confirmed receipt of the admissions deposit. This request must be received no less than 60 days prior to planned matriculation. Anticipated costs of study include travel, tuition, school fees, books, other study expenses, and all living expenses for the student (and dependents, if applicable) for the first year of study.

All payments to SCNM must be made in U.S. dollars. International students must maintain full-time enrollment at all times unless otherwise following the articulated program of study. All exceptions require approval from the Dean of Students. Prospective students with questions should contact the Admissions Office at admissions@scnm.edu.

Veterans Benefits

SCNM's Doctor of Naturopathic Medicine program is an approved program of study by the Department of Veterans Affairs (VA) for students eligible to receive VA benefits. Eligibility for VA benefits is determined by the appropriate VA Benefits Office. Students must contact the VA Office and complete required approval forms to determine eligibility. After the student has completed the process, the student must submit their notice of eligibility and status of benefits to the Registrar's Office.

SCNM is an approved participant in the U.S. Department of Veterans Affairs' Yellow Ribbon program. Individuals who qualify for the post-9/11 GI Bill® at the 100% rate may be eligible for additional funding to help them achieve their educational goal.

The Yellow Ribbon GI Education Enhancement Program (Yellow Ribbon Program) is a provision of the Post-9/11 GI Bill® that allows veterans to attend private schools and graduate programs costing more than the annual state tuition cap. Under the program, SCNM offers a veterans-only scholarship which the VA will then match. This benefit is

offered to a limited number of students on a first-come, first-served basis. Veterans should contact the Registrar's Office for further information on benefits and submission of the Yellow Ribbon Program Application.

VA Benefits are not considered Estimated Financial Assistance when determining eligibility for Direct Loans. Veterans must continue to achieve Satisfactory Academic Progress (SAP) toward their educational program(s) each term in order to remain eligible for benefits. SCNM must report to the VA Office if a student is not making SAP or if there is any change in enrollment status. (See Satisfactory Academic Progress for prescribed program of study.)

Students who served on Active Duty may be eligible for education benefits offered by the Department of Veteran Affairs. Students currently serving in the military or who are the spouse or child of a service member may be eligible for funding offered through the Department of Defense Tuition Assistance program. Students should check eligibility status and the amount for which they qualify prior to enrolling. (For additional information, refer to the financial aid web page on the SCNM website.) SCNM has agreed to comply with the Principles of Excellence as issued in Executive Order 13607 and signed on April 27, 2012.

Any individual covered by VA benefits is eligible to attend or participate in courses during the period beginning on the date on which the individual provides SCNM a certificate of eligibility for entitlement to educational assistance under chapter 31 or 33 (a "certificate of eligibility" can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs' (VA) website – eBenefits, or a VAF 28-1905 form for chapter 31 authorization purposes) and ending on the earlier of the following dates: (1) the date on which payment from the VA is made to SCNM or (2) 90 days after the date SCNM certified tuition and fees following the receipt of the certificate of eligibility.

SCNM will not impose any penalty, including assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under chapter 31 or 33.

Refer to Military Leave of Absence and to the Withdrawal Refund Policy

ND Program Partnerships

ND Program Partnerships

SCNM is proud to partner with the University of Arizona Mel and Enid Zuckerman College of Public Health (MEZCOPH) at University of Arizona and the Phoenix Institute of Herbal Medicine and Acupuncture (PIHMA). Through these partnership agreements, students may be dually enrolled at SCNM and either institution for additional degree completion.

Mel and Enid Zuckerman College of Public Health ND/MPH

SCNM students must apply directly to the Mel & Enid Zuckerman College of Public Health (MEZCOPH) through SOPHAS (<http://www.sophas.org/>), the public health programs' centralized application. Please note that there are additional requirements beyond what was required to apply to SCNM including:

- GRE or MCAT
- College algebra, statistics, or a more advanced math course, such as calculus
- 3 additional letters of recommendation

For all admissions requirements visit:

<https://publichealth.arizona.edu/graduate-students/admissions/programs>

When applying through SOPHAS, please indicate your interest in dual degree status in the *One Concise Statement* under the "Additional Questions" section. For example, "ND/MPH: I am interested in family medicine and chronic disease, with an emphasis on cancer and cardiovascular disease."

You can learn more about the MPH Program and admissions requirements by visiting this website for more information:

<https://publichealth.arizona.edu/academics/mph>

SCNM students enrolled in approved coursework at the Mel and Enid Zuckerman College of Public Health (MEZCOPH) must sign an acknowledgement form in the Registrar's Office. After coursework is completed at MEZCOPH, an official transcript must be received from MEZCOPH in order for those courses to be transferred. It is the student's responsibility to inform the Registrar's Office if the student withdraws from courses at MEZCOPH in order to make necessary changes in the student's schedule.

Phoenix Institute of Herbal Medicine and Acupuncture

The Phoenix Institute of Herbal Medicine & Acupuncture (PIHMA) offers a Master of Science in Acupuncture and a Master of Science in Oriental Medicine. Both degree programs provide future clinicians with the unique skills of a comprehensively trained practitioner in Oriental medicine. Students must apply directly to PIHMA.

For admission requirements visit: <http://pihma.edu/pihma-college/#Admissions>.

SCNM students enrolled in approved coursework at the Phoenix Institute of Herbal Medicine and Acupuncture (PIHMA) must sign an acknowledgement form in order to drop the equivalent courses from the SCNM track program. After coursework is completed at PIHMA, an official transcript must be received from PIHMA in order for those courses to be transferred. It is the student's responsibility to inform the Registrar's Office if the student withdraws from courses at PIHMA in order to make necessary changes in the student's schedule. Failure to successfully complete PIHMA courses as scheduled may delay clinical entry and/or graduation. Graduation from SCNM is contingent upon completing all equivalent courses at PIHMA with a grade of C or better.

ND Student Services

Community Service Program

Doctor of Naturopathic Medicine students are required to complete 45 hours of community service before graduation. These may be acquired through direct service to any area of SCNM, including offsite locations, through leadership and mentor activities to other students, participation in ongoing research projects, or through any appropriate activity in the community. Activities that are required aspects of the student's normal curriculum do not qualify for community service hours. The community service program, overseen by the Dean of Students is intended to not only benefit the college community, but as a means of outreach to the general community. Students are highly encouraged to give their time to other organizations and projects. Students do not receive academic credit or pay for these activities. (Please see MySCNM for more information.)

ND Academic Support

Basic Sciences Skill Development (BSSD)

The BSSD course (SCNM 5014 and SCNM 5024) includes small-group remediation with integration of content from all basic science courses. Content specific to the attending students will be integrated throughout the quarter and will include collaboration with didactic faculty, DDC tutors, and the Learning Specialist. Attendance of all weeks is mandatory and will be recorded.

Directed Skill Development Laboratory (DSDL)

The Directed Skill Development Laboratory (DSDL) supports and advances the safe and effective clinical skills development of SCNM students through directed laboratory learning experiences. The DSDL supports the development of the professional standards necessary for students to become competent and effective naturopathic physicians. The DSDL laboratories are usually conducted at times outside of normally scheduled classroom and laboratory periods.

Students are only allowed to participate in active skill development in the modalities for which they have successfully passed the specific course(s) and laboratory(ies) related to each specific modality. Modalities to be covered include osseous manipulation, acupuncture

needling, infusion, injection, and phlebotomy. Students are expected to sign into and out of the DSDL and to complete appropriate liability waiver forms. All SCNM students are encouraged, as they become eligible, to take advantage of the DSDL.

Clinical Skills Development Lab (CSDL)

The Clinical Skills Development Lab (CSDL) is offered to students to support and advance clinical skills development in conjunction with physical diagnosis, clinical assessment, and clinical sciences courses. Prior to entering the clinic, students have the opportunity to develop and practice their clinical skills in the CSDL by using simulation models that represent numerous body systems to include pulmonary, cardiac, genitourinary, gynecology, and pediatrics. The lab offers an opportunity for faculty to refer students for remediation or additional practice in developing specific clinical skills. The CSDL is conducted outside normally scheduled classroom hours.

Clinical Skills Development Session (CSDS)

The Clinical Skills Development Session (CSDS) course (SCNM 4000) is designed to develop clinical students in the areas of case-taking, physical exams, case analysis, charting, differential diagnosis, diagnostic work-up, treatment plan, and patient interaction. The CSDS offers an opportunity for clinical faculty to refer students for remediation, or students may participate on a volunteer basis. The CSDS also provides students an opportunity to prepare for the clinical milestone exams. Students may opt to self-enroll in CSDS and should contact the Clinical Coordinator for more information.

Learning Skills Development Session (LSDS)

The Learning Skills Development Session (LSDS) is offered to students to support and enhance academic performance and professional development while at SCNM. Students work with a Learning Specialist to identify individual areas of needed support and participate in individual or group sessions to learn, practice, and integrate new strategies into their learning process. Although individual needs are identified, common areas addressed are time management, test anxiety, test performance, study skills, study/NPLEX planning, and professionalism. LSDS is open to all students by appointment or walk-in. However, students may be referred by faculty, staff, or administration when a need is identified, or because of failure of course exam(s).

ND Academic Policies

ND Academic Policies

Clinical Education Experience

Clinical experience begins in the first year and continues throughout the program. Experiences include introduction to clinical practice, clinical practice skills lab, field observation, laboratory posts, medicinary posts, specialty clinics, clinical milestone exams, and clinical clerkships. As students progress through the program, they gain greater clinical knowledge and more advanced clinical skills. Students begin their clinical experience in an observational role and then work with standardized patients during clinical practice skills labs and in the clinical milestone exams. As they progress through their clinical training and demonstrate competence, they assume a more active role in patient care under the direct supervision of a licensed physician.

Students complete a total of 1,232 contact hours (112 credits) in clinical training, which exceeds the standards set by the CNME. In SCNM's clinical experience curriculum, no more than 4 credits may be field observation; and of the 108 credits of direct patient care, no more than 20 credits may be completed at elective off-sites. Supervising physicians must hold an active license in the United States or Canada. (For a description of the various clinical clerkships and posts, please contact the Off-site Clinical Experience Coordinator.)

In order to complete clinical training and meet graduation requirements for the Doctor of Naturopathic Medicine program of study, a student must:

- Complete 108 credits of clinical clerkships, 4 credits of field observation, 1 credit of lab post, and 1 credit of medicinary/IV post, for a total of 114 credits
- Have at least 500 patient contacts (at least 225 in a primary capacity)
- Complete the student clinical competencies
- Complete and pass the Clinical Milestone Exams

All students are expected to follow current clinical policies and procedures as outlined in the SCNM Clinical Handbook. This includes maintaining a current clinical training certificate from the Arizona Naturopathic Physicians Board, current CPR certification, current TB screening, current Hepatitis B information, fingerprint clearance card, and any other health-related information. (Please see the SCNM Clinical Handbook on MySCNM and the complete list of Graduation Requirements.)

Clinical Examinations

Student must complete all Clinical Examinations (including: Clinical Practical Exam, Clinic Entry Exam, Objective

Structured Clinical Examination, and CLPR Practical Exams) on the dates determined by the Dept. Chair of Pre-Clinical Sciences. These are non-negotiable dates and times. Students who are unable to sit for the exam at the regularly schedule time, will sit for the exam at the next offering. Please see Clinical Exam Calendar for dates and additional information

Eligibility for Clinical Clerkships

In order to be eligible to participate in the Doctor of Naturopathic Medicine clinical training program at SCNM, students must:

1. Complete 2nd year of academic program (3rd year for 5-year track)
2. Pass the Clinic Entry Exam
3. Take NPLEX I and comply with existing NPLEX policy
4. Maintain a current clinical training certificate (CTC) from the Arizona Naturopathic Physicians Medical Board
 - It is important to note that the CTC must be renewed annually for the duration of a student's clinical training. Students who fail to renew their CTC are ineligible to continue their clinical training until such time that the CTC has been renewed
5. Provide a current copy of a CPR card, Hepatitis B information, TB screening, MMR information, fingerprint clearance card, and any other required health information
6. Pass a mandatory drug test

For additional details/requirements, please refer to the SCNM Clinical Handbook available on MySCNM.

All Doctor of Naturopathic Medicine (ND) students, including transfer students, must meet these requirements. Previous enrollment in a clinical training program at another naturopathic college or other medical college does not allow the student to enter SCNM's clinical training program without meeting all of the above requirements.

Eligibility for Elective Off-Sites

In order to be eligible to participate in the Doctor of Naturopathic Medicine Elective Off-Site Program at SCNM, students must:

1. Meet the eligibility requirements for Clinical Clerkships
2. Pass the Objective Structured Clinical Examination
3. Receive final approval from the Director of Clinical Education and Operations which may be based on clinical performance

Eligibility for Field Observation

In order to be eligible to participate in field observation, students must:

1. Complete quarters 1-3 of the Doctor of Naturopathic Medicine program, including a passing score on the CLPR 5030 Clinical Practice Exam
2. Apply for and receive a clinical training certificate (CTC) from the Arizona Naturopathic Physicians Medical Board
 - It is important to note that the CTC must be renewed annually for the duration of a student's clinical training. Students who fail to renew their CTC are ineligible to continue their clinical training until such time that the CTC has been renewed
3. Pass a mandatory drug test
4. Complete CPR training
5. Complete Hepatitis B information and TB screening

Enrollment

Once matriculated, a student must be continuously enrolled unless the student is taking an approved leave of absence. Full-time enrollment is defined as being enrolled for a minimum of 12 credits (didactic and/or clinical). Part-time enrollment is defined as being enrolled for a minimum of 6 credits but less than 12 credits. SCNM does not guarantee the length of the program to be less than four calendar years.

International students attending SCNM on an I-20 must maintain full-time enrollment at all times unless otherwise following the articulated program of study. All exceptions require approval from the Dean of Students. Please direct any questions regarding international student status to the Dean of Students' Office.

Students who fail a course may not be eligible to progress in their prescribed program of study until the failed course has been successfully completed. Students may not take courses in advance of their program nor exceed the predetermined number of clinical clerkships as outlined in the SCNM Clinical Handbook without the approval of the Academic Policy and Progress Committee (APPC). Students are not allowed to attend, nor will credit be awarded for, courses/lab sections or clerkships for which they are not registered. Students will not be allowed to have concurrent enrollment or register for courses for which they do not have prerequisites or co-requisites without prior approval from the APPC.

SCNM confers degrees only following the end of each academic term.

SCNM does not guarantee the award of the degree to students enrolled in the program. The award of degrees is contingent upon satisfaction of all current degree and instructional requirements at the time of such award, compliance with SCNM regulations, as well as performance and conduct meeting bona fide expectations of faculty. No member of the faculty is obliged to provide students or graduates with an evaluation or letter of recommendation that does not accurately reflect the faculty member's true opinion and evaluation of the student's academic performance and conduct.

Class Schedules

Current schedules and information for the Doctor of Naturopathic Medicine program are posted online on MySCNM and are also available at the Registrar's Office. Once a schedule is released, changes will be made only in the event of extreme circumstances.

Intensive Courses

An intensive course is offered in a shortened time period. Intensives may be scheduled as a 5-day format or over a weekend, with classes beginning Friday evening and continuing Saturday and Sunday. Every effort is made to minimize the scheduling of required weekend intensives.

Audit

Students may audit a course if they have met the course prerequisites and have registered for the course. When auditing a course, students do not earn a grade, nor do they receive credit. Courses taken as audit will appear as an AU on the student's official transcript. A student may not audit a course for which they have not already received credit. Additionally, students cannot audit laboratory courses or elective/selective courses. Non-degree students may not audit courses; exception applies for SCNM Alumni. (See Tuition and Fees.)

Directed Study

Directed study is available in rare circumstances and on a case-by-case basis. A student may request a directed study only if he/she is making satisfactory academic progress for his/her prescribed program of study. A directed study is only applicable for certain lecture-only courses and cannot be used to accelerate the program or to repeat a course for any reason. Directed study must be supervised by a faculty member. A directed study proposal must be approved by the faculty member, department chair, and the APPC. (See Tuition and Fees.)

ND Academic Policies

Adding and Dropping Courses and Clinic Clerkships

Academic Courses

SCNM programs of study are track programs. Students on the 4-year track seeking to move to the 5-year track must receive approval from the APPC. In addition to the Institutional requirements for Adding and Dropping Courses, schedule changes requested after the start of a quarter must also adhere to the following:

- Intensive courses may be added up until the first day of class but may not be dropped after the first class (some exceptions may apply). Tuition paid for intensive courses will not be refunded after the first day of class.
- Selectives may be dropped only during the first two weeks of the quarter (add/drop period) unless otherwise noted. Selectives may only be added up through week one of a quarter and in week two with the permission of the instructor (some exceptions may apply).

Clinical Clerkships

Clinical clerkships do not follow the same add/drop policy as didactic courses noted above, clinical students must refer to the Clinical Handbook regarding policy for adding and dropping clerkships. (See Add/Drop Refund Policy.)

An add/drop fee will be charged for any clerkship changes after the clinic add/drop period has ended (see Tuition and Fees). Students are not able to drop clerkships after the clinical add/drop period without approval from the APPC. Students awaiting decisions are required to attend assigned clerkships and meet current clinic policies until otherwise notified in writing.

NPLEX Board Examinations

The licensing of naturopathic physicians to practice medicine is a function of an individual state or province. The states and provinces that license naturopathic physicians recognize the North American Board of Naturopathic Examiners (NABNE), which certifies candidates as eligible to register for the licensing exam that is administered as the Naturopathic Physicians Licensure Examination (NPLEX). It is the student's responsibility to be familiar with NABNE and NPLEX policies and procedures.

SCNM considers the NPLEX Parts I and II to be significant measures of professional achievement toward becoming a naturopathic physician. Student performance on the NPLEX provides the faculty and administration an external measure

of the level of understanding students have in a broad number of subject areas. This performance offers SCNM important information on curricular content and teaching methodology. Student scores also provide SCNM and the patients they see with a level of assurance that they can perform with basic competency as student physicians. To qualify for the NPLEX Part I, students must have satisfactorily completed all basic science coursework, including GNMD 6044, be currently enrolled or on an approved leave of absence, and be certified by the Registrar's Office as eligible to sit for the exam.

NPLEX Part I

Students are required to take NPLEX Part I to be eligible to participate in the Doctor of Naturopathic Medicine clinical training program. Students must take the NPLEX Part I at the first offering of the exam immediately following their 8th quarter in the 4-year POS and 12th quarter in the 5-year POS or completion of the basic science courses, including GNMD 6044, whichever comes first. Students who do not pass NPLEX Part I must take it again at the next offering. Students who do not take NPLEX I at the next offering will be dropped from the following quarter's clinical clerkships and may not be allowed to continue in clinical clerkships until they have taken NPLEX I. In order to register for future clinical clerkships, all students must submit the original examination results from NABNE to the Registrar's Office each time it is taken.

Appeals to any part of this process follow the normal SCNM grievance procedures. This policy applies to all students, including professional transfer students.

NPLEX Part II

Passing NPLEX Part II examination is not a graduation requirement of SCNM, but it is required to become licensed. Students should be aware that NABNE may modify its policies and procedures at any time. It is the student's responsibility to be aware of NABNE/NPLEX policies and procedures.

Satisfactory Academic Progress - Completion

The Doctor of Naturopathic Medicine (ND) program is designed to be completed in four calendar years or 15 academic quarters (five calendar years or 19 academic quarters for the 5-year track). Students who deviate from the standard academic program will extend the length of the program. Satisfactory academic progress in the ND program is defined as passing all program requirements within the maximum timeframe of one and one-half (1.5) times the length of the longest published program in which they are

ND Academic Policies

enrolled, from initial date of matriculation and including any and all leaves of absence and periods of withdrawal followed by re-activation. Generally, this is between 6–7.5 years. Credits transferred from an approved institution count toward the minimum academic requirements to be completed at the end of each academic year (see Minimum Academic Requirements) and count toward the maximum completion time for financial aid. Students must make satisfactory progress toward the completion of their degree at SCNM to be eligible for most financial aid programs. Four-year track students must earn a minimum of 16 credits per quarter, unless on an approved deviated track. Five-year track students must earn a minimum of 8-9.5 credits per quarter in the first two years and a minimum of 14-20 credits per quarter for the remaining years. (See Minimum Academic Requirements.) The Satisfactory Academic Progress Policy for the ND program includes a cumulative a GPA of 2.0 or higher, minimum academic credits earned per term, and maximum timeframe for completion.

Students who fail to make satisfactory academic progress for their prescribed program of study in any term will be given an academic warning and will be placed on academic probation

Cumulative GPA Requirement

Students in the ND program must maintain a cumulative GPA of at least 2.0.

Minimum Academic Requirements

The following table illustrates the minimum number of credit hours required to be completed at the end of each academic year for the Doctor of Naturopathic Medicine program:

4-year track students

Academic Year	Total Credits
1	65
2	130
3	195
4	260
5	325
6	390

5-year track students

Academic Year	Total Credits
1	32
2	70
3	126
4	182
5	238
6	294
7	350
7.5	390

Graduation

ND Graduation Requirements

1. In addition to institutional graduation requirements, candidates for the Doctor of Naturopathic Medicine degree must fulfill the following: Satisfactory completion of clinical training requirements, including:
 - 108 clinical clerkship credits
 - 4 field observation credits
 - 1 lab post credit
 - 1 medicinary/IV post credit
 - 500 patient contacts (at least 225 primary)
 - Satisfactory completion of required student clinical competencies
 - Successful completion of all clinical milestone exams
2. Completion of 45 community service hours

Academic Achievement Awards

There is a three-tiered arrangement of academic achievement awards for graduation. The award “highest academic achievement” shall go to the student(s) graduating with the highest GPA. The award for “high academic achievement” shall go to the student(s) with the second-highest GPA. Any student graduating with a 3.80 GPA or higher shall receive “with honors.” Note: highest and high academic achievement awards require a student to have a GPA of at least 3.80. Furthermore, “highest academic achievement” award requires a student to complete all graduation requirements for their prescribed program of study within the appropriate time period. Students who fail or receive an unsatisfactory grade in any course are not eligible for graduation with honors. (For more information, please contact the Registrar’s Office.)

ND Academic Departments

ND Academic Departments

Department of Pre-Clinical Studies

Department Chair: Jaclyn Bain, ND

The Department of Pre-Clinical Studies focuses on the development, enhancement, and exercise of cognitive analytical and evaluative thinking in the clinical context. These skills are enhanced through hands-on practice in the lab setting. Students develop and practice clinical skills in preparation for the clinical milestone examinations.

Division of Human Studies

Division Director: Yasmin Abusamra, PhD

Department of Basic Medical Sciences

Department Chair: Yasmin Abusamra, PhD

The Department of Basic Medical Sciences focuses on principles and concepts relative to the structure and functions of the human body. Didactic courses and labs integrate anatomy, embryology, biochemistry, immunology, microbiology, physiology, pathology, and pharmacology. Emphasis is placed upon studying both the human systems used to maintain health, and the transitional pathophysiologic processes that contribute to maintaining life.

Department of General Medicine

Department Chair: Pamela Howell, MD

The Department of General Medicine emphasizes the integration of knowledge with the practical application of primary naturopathic medicine. Didactic courses are designed and organized by body systems and integrate biomedical sciences with clinical applicability.

Department of Research

Department Chair: Jeffrey Langland, PhD

The Department of Research provides coursework that addresses the fundamentals of advanced scientific method in medicine and the practices and policies of the generic research community. Students learn scientific literature review and evaluation of reliability of published data. Students with a strong interest in the conduct of research may, with the supervision of a faculty member, enroll in

research selectives and, taking advantage of available resources, conduct a research project which may lead to publication. Members of the research department are actively involved in research and maintain relationships with other area institutions such as the Bio-Design Institute at ASU, T-GEN North, and the University of Arizona.

Research at SCNM is guided by two internal institutional groups: The Research Advisory Board (RAB) is responsible for the review of research protocols, taking into account scientific merit, ethical considerations, program relevance, and public responsibility; and the Institutional Review Board (IRB) assures compliance with medical ethics and human subjects' research protection. The IRB will not accept protocols without prior RAB review and approval.

Division of Therapeutics

Division Director: Katrina Stage, ND, RH (AHG)

Department of Acupuncture and Oriental Medicine

Department Chair: Yong Deng, MD (China), LAc

The Department of Acupuncture and Oriental Medicine prepares students to practice safely and competently while proving basic competency in Traditional Chinese Medicine (TCM). The curriculum includes didactic courses and labs in fundamental concepts of Oriental Medicine, diagnosis, meridians and points, pathology, acupuncture techniques, and case analysis and management.

Department of Botanical Medicine

Department Chair: Patricia Gaines, ND, RH (AHG)

The Department of Botanical Medicine provides training in the medicinal and clinical application of plants. The curriculum recognizes historical and traditional use as well as modern research. Courses are offered in several venues including field study, lecture, and medicine-making laboratory. Instruction focuses on clinical use, pharmacognosy, specific indication, dosage, formulation, and safety considerations. Materia medica classes are organized based on organ systems and reinforced through case studies. Emphasis is placed on understanding the unique properties of each herb and how to best apply botanical medicine to a variety of patient populations. Use of botanical medicine is discussed for the treatment of acute and chronic illness as well as prevention and wellness.

ND Academic Departments

Department of Homeopathy and Pharmacology

Department Chair: Stephen Messer, ND, DHANP

The Department of Homeopathy and Pharmacology prepares students to be competent in case-taking, prescription, and patient management with emphasis on the recognition of the body's process of healing. Students study the historical, current, and evolving use of homeopathic medicines in naturopathic practice.

Department of Mind-Body, Environmental Medicine, and Naturopathic Philosophy

Department Chair: Vacant

The Department of Mind-Body emphasizes the intuitive, communicative, and therapeutic skills needed to be an effective practitioner. Focus is placed on the body, mind, and spirit interactions found within the patient's health needs and in the doctor/patient relationship. The Department of Environmental Medicine focuses on environmental toxins that adversely affect health, such as solvents, pesticides, heavy metals, plastic, and other pollutants. Labs provide opportunities to practice techniques that elicit detoxification in reducing toxicity and improving overall health. The Department of Naturopathic Philosophy introduces the basic philosophy, principles, concepts, and historical figures within the naturopathic profession and are designed to engage the students to explore and discover their personal relationship to the philosophy, principles, and concepts within naturopathic medicine.

Department of Nutrition

Department Chair: Vacant

The Department of Nutrition emphasizes the body's metabolic pathways for macronutrients and micronutrients, individualized nutrient requirements, and therapeutic dietary protocols with an emphasis on whole foods. Based on the recognition that diet is a critical foundation for health, students learn to analyze patient diets and to use speciality testing to make appropriate recommendations. Students will have the opportunity to practice nutritional counseling and to utilize the teaching kitchen to integrate their knowledge. Critical analyses of the current evidence for nutritional and supplemental interventions are considered.

Department of Physical Medicine

Department Chair: Vacant

The Department of Physical Medicine focuses on orthopedic physical assessment techniques and treatment modalities including therapeutic touch, palpation, a variety of soft-tissue and osseous manipulation techniques, and hydrotherapy. Patient case management for functional improvement in injury states, postural stress conditions, pain management, and structural integration are emphasized.

ND Academic Coursework

ND Academic Coursework

The Doctor of Naturopathic Medicine Program at SCNM is a cohort-based program that follows a prescribed track. All academic credit is computed in quarter hours (see Credit Equivalence). All students are guided by the curriculum as outlined in their prescribed program of study. Students are pre-registered for core courses, including labs and clinical clerkships. Students may not deviate from their prescribed program of study. SCNM reserves the right to make curriculum changes that are applicable to all students, if necessary.

Students are admitted to either a 4-year or 5-year track program. The 4-year track offers students a traditional path to graduation. The 5-year track offers support for students who may want more time to complete the basic and pre-clinical sciences. The 5-year track distributes the first year of basic sciences and pre-clinical medicine courses across two years. The remaining 3 years of both the 4-year and 5-year tracks of the ND curriculum are the same. Students who are not making satisfactory academic progress on the 4-year track may be transitioned into the 5-year track. Students cannot move to the 5-year track after completion of year 1 of the 4-year track. In addition, students cannot move back to the 4-year track after starting the 5-year track without approval from the APPC.

If a student stays on track with the program, taking all courses as they are offered in sequence, students can expect to graduate within 15 consecutive quarters, or four calendar years, if on the 4-year track (or 19 consecutive quarters or five calendar years, if on the 5-year track). After matriculation, approval by APPC is required for track changes.

First Calendar Year (First Two Calendar Years in the Five-Year Track)

The first calendar year begins with the basic medical science curriculum in the study of biochemistry and normal structures and functions of the body, including anatomy and physiology. This material is organized by systems. Courses in research and the naturopathic modalities, history, and philosophy are introduced; and early clinical experiences begin with an introduction to clinical practice. These experiences include opportunities to work with standardized patients in clinical settings and shadow physicians in private practice during field observation. (See Five-Year Track Program of Study for outline of courses).

Second Calendar Year (Third Calendar Year in the Five-Year Track)

The second calendar year continues the basic medical science curriculum and focuses on the body's pathological transitions through disease, along with clinical recognition of these processes using physical, clinical, and lab diagnosis. Courses in the naturopathic modalities such as nutrition, mind-body medicine, homeopathy, and Oriental medicine are explored during the second year.

Third and Fourth Calendar Years (Fourth and Fifth Calendar Years in the Five-Year Track)

In the final two calendar years, clinical methods of naturopathic medicine are presented and expanded in both the classroom and the clinical setting. Students have the opportunity to work with various patient populations at the SCNM Medical Center, Neil Riordan Center for Regenerative Medicine, and SCNM affiliated sites. In the final academic year of the program, students concentrate on clinical training and take fewer didactic credits.

For a detailed list of required courses, see the Doctor of Naturopathic Medicine Program of Study

Selectives

SCNM offers selectives, or required electives, in the naturopathic medical degree program as part of the core curriculum. Selectives are advertised prior to registration, and an enrollment of 10 students is required before most selectives will be offered (see Adding and Dropping Courses for prescribed program of study). Students will register for selectives online during the published registration timeframe. (For a list of potential selectives, please see ND Selective Course Descriptions.)

Academic Coursework

The Doctor of Naturopathic Medicine program has been developed to ensure that students have the opportunity to build a strong foundation and to demonstrate competency in each major naturopathic modality, including acupuncture and Oriental medicine, botanical medicine, homeopathy, mind-body medicine, physical medicine, environmental medicine, pharmacology, and nutrition. Laboratory courses include dissection of cadavers, physical exams, palpation, manipulation, acupuncture, hydrotherapy, microbiology, histology, preparation of herbal medicines, and the use of simulation models. Didactic courses include traditional and adult learning classroom teaching methods, group projects, and experiential coursework.

ND Academic Coursework

ND Program Learning Outcomes

Students are expected to demonstrate the following knowledge, skills, and attitudes upon completion of the Doctor of Naturopathic Medicine program:

1. A commitment to the principles of naturopathic medicine.
2. Knowledge of basic medical sciences
3. Clinical knowledge, skills, and attitudes in the care and treatment of patients
 - Diagnose health conditions based upon the collection, analysis, and interpretation of patient data
 - Develop treatment plans and management strategies for health conditions utilizing the therapeutic modalities
 - Devise strategies for disease prevention and wellness for self and for patients
4. A commitment to ethics and professionalism
 - Demonstrate the ability to achieve professional success
 - Demonstrate professional honesty and integrity
5. Skills for scholarship and lifelong learning

Course Format / Requirements

The Doctor of Naturopathic medicine program consists of 246.5 didactic credits (2,831.5 didactic contact hours) and 143.5 clinical credits (1,578.5 clinical contact hours). The format of the program is primarily on campus.

Full-time enrollment is defined as being enrolled for a minimum of 12 credits. Part-time enrollment is defined as being enrolled for a minimum of 6 credits but less than 12 credits.

Credit Equivalence

Courses are reported in quarter credit hours according to the following values:

Didactic	1 credit = 11 contact hours per quarter
Laboratory	1 credit = 11 contact hours per quarter
Clinical Clerkships	1 credit = 11 contact hours per quarter

Honors Tracks

The newest addition to SCNM's clinical curriculum, Honors Tracks, launched in Winter 2019. The Honors Tracks are the first of its kind in the field of Naturopathic Medical Education. These competitive year-long focused areas of clinical study increase students' knowledge, skills, confidence, and post-graduate opportunities. All Honors Tracks have core learning

components and additional selective scholarship and experiential components. Each Honors Track has its own specific proficiencies and patient contact requirements. In addition, all Honors Track students take a year-long advanced topic selective in their area of study where they learn to critically appraise evidence-based medical research under the guidance of faculty mentors. Successful completion of an Honors Track is recognized with a certificate, notation on the student's transcript, and at graduation.

Non-Degree Enrollment

A limited number of courses offered through SCNM's degree programs may be available to the public as "non-degree." Interested individuals must complete an Application for Non-Degree Coursework, available from the Registrar's Office, and pay the appropriate fee for the non-degree course prior to the start of the course (see Tuition and Fees). A minimum of a bachelor's degree or equivalent is required to enroll, and an official transcript must be submitted. The same add/drop policies apply for non-degree coursework (see Adding and Dropping Courses). Some SCNM didactic courses may require prior faculty approval and space availability. Courses available for non-degree enrollment may not be audited (exception: see Alumni Non-Degree Enrollment), must be taken for a grade, and require completion of all course requirements. Individuals will be considered for non-degree status on a space-available basis. When admitted with a non-degree status, an individual may enroll for a maximum of two courses per quarter. A maximum of 12 credit hours completed in non-degree status may be used for transfer or for fulfilling degree requirements for the Doctor of Naturopathic Medicine program at SCNM. A maximum of 4 credit hours completed in non-degree status may be used for transfer or for fulfilling degree requirements for the Master of Science degree program at SCNM.

Alumni Non-Degree Enrollment

Life-long educational opportunities are available to alumni of the Doctor of Naturopathic Medicine (ND) program. ND alumni are welcome to enroll in and attend one free course in the SCNM ND program per year. Free courses do not include continuing medical education units, selectives, intensives, special seminars, conferences, or the board review courses. Courses may be taken as audit or for credit; to earn credits, courses must be taken for a grade and require completion of all course requirements as indicated in the course syllabus.

ND Academic Coursework

Clinical Exam Calendar

Fall Quarter

October 7, 2019 - January 3, 2020

November 16	Immersion Day (CLTR 4304)
November 16	Male Exam (CLPR 6040)
November 23	Male Exam (CLPR 6040)
November 23	Clinic Entry Exam (CLTR 4304)
December 7	Clinical Practice Exam (CLPR 5030)
December 7	OSCE C (CLTR 4508C)
December 14	OSCE C (CLTR 4508C)

Spring Quarter

April 6, 2020 - July 5, 2020

May 16	Immersion Day (CLTR 4304)
May 16	Male Exam (CLTR 6040)
May 30	Male Exam (CLTR 6040)
May 30	Clinic Entry Exam (CLTR 4304)
June 6	Clinical Practice Exam (CLPR 5030)
June 6	OSCE C (CLTR 4508C)
June 13	OSCE C (CLTR 4508C)

Winter Quarter

January 6, 2020 - April 5, 2020

January 11	OSCE A (CLTR 4508A)
January 25	OSCE A (CLTR 4508A)
February 1	Female Exam (CLPR 6050)
February 8	Female Exam (CLPR 6050)
March 7	OSCE B (CLTR 4508B)
March 14	OSCE B (CLTR 4508B)

Summer Quarter

July 6, 2020 - October 5, 2020

July 11	OSCE A (CLTR 4508A)
July 18	OSCE A (CLTR 4508A)
July 25	OSCE A (CLTR 4508A)
August 1	OSCE A (CLTR 4508A)
August 15	Female Exam (CLPR 6050)
August 22	Female Exam (CLPR 6050)
August 29	OSCE B (CLTR 4508B)
September 12	OSCE B (CLTR 4508B)

Please note that multiple dates are listed for some exams. If you are a student taking one of these exams, it is your responsibility to ensure you do not have any scheduling conflicts on the days listed. Some exams require multiple days and some exams may only require one day of your time. This information will be communicated at the start of each course but it is imperative to leave days open as these exams cannot be excused or re-scheduled.

Exams for OSCE A and B occur in the quarter following completion of the course (i.e. a student registered in CLTR 4508 for Fall should refer to the Winter Exam schedule).

OSCE C occurs concurrently with the second attempt of the course, should student not pass OSCE A or B.

Dates subject to change

ND Four Year Program of Study

Program of Study - Year One

Quarter 1		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
ANAT 5014	Regional Anatomy, Embryology and Histology I			55.0	55.00	5.0
ANAT 5014L	Regional Anatomy, Embryology and Histology I Lab		33.0		33.00	3.0
PHYS 5014	Human Physiology and Endocrinology I			44.0	44.00	4.0
PHYS 5014L	Human Physiology and Endocrinology I Lab		11.0		11.00	1.0
ICSA 5014	Integrated Case Studies Application I			11.0	11.00	1.0
BIOC 5014	Biochemistry I			44.0	44.00	4.0
RSCH 5016	Research I			11.0	11.00	1.0
CLPR 5010	Intro to Clinical Practice I ¹	22.0			22.00	2.0
CLPR 5010L	Intro to Clinical Practice Skills Lab I ¹	22.0			22.00	2.0
NTMD 5010	Philosophical and Historical Foundations of Nat Med I			22.0	22.00	2.0
Year 1 Quarter 1 Totals		44.0	44.0	187.0	275.00	25.0

Quarter 2		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
ANAT 5024	Regional Anatomy, Embryology and Histology II			33.0	33.00	3.0
ANAT 5024L	Regional Anatomy, Embryology and Histology II Lab		33.0		33.00	3.0
PHYS 5024	Human Physiology and Endocrinology II			44.0	44.00	4.0
PHYS 5024L	Human Physiology and Endocrinology II Lab		11.0		11.00	1.0
ICSA 5024	Integrated Case Studies Application II			11.0	11.00	1.0
BIOC 5026	Biochemistry II			44.0	44.00	4.0
IMMU 5024	Immunology			33.0	33.00	3.0
RSCH 5024	Research II			11.0	11.00	1.0
CLPR 5020	Intro to Clinical Practice II ¹	22.0			22.00	2.0
CLPR 5020L	Intro to Clinical Practice Skills Lab II ¹	22.0			22.00	2.0
NTMD 5020	Philosophical and Historical Foundations of Nat Med II			22.0	22.00	2.0
Year 1 Quarter 2 Totals		44.0	44.0	198.0	286.00	26.0

ND Program of Study

Program of Study - Year One (Continued)

Quarter 3		Spring 2019-2020/Fall 2020-2021			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
ANAT 5034	Regional Anatomy, Embryology and Histology III			33.0			33.00	3.0	
ANAT 5034L	Regional Anatomy, Embryology and Histology III Lab		33.0				33.00	3.0	
PHYS 5034	Human Physiology and Endocrinology III			44.0			44.00	4.0	
PHYS 5034L	Human Physiology and Endocrinology III Lab		11.0				11.00	1.0	
ICSA 5034	Integrated Case Studies Application III			11.0			11.00	1.0	
MGEN 5038	Medical Genetics			33.0			33.00	3.0	
MICR 5026	Microbiology I			33.0			33.00	3.0	
MICR 5026L	Microbiology I Lab		22.0				22.00	2.0	
CLPR 5030	Intro to Clinical Practice III ¹	22.0					22.00	2.0	
CLPR 5030L	Intro to Clinical Practice Skills Lab III ¹	22.0					22.00	2.0	
NTMD 5030	Philosophical and Historical Foundations of Nat Med III			22.0			22.00	2.0	
Year 1 Quarter 3 Totals		44.0	66.0	176.0			286.00	26.0	

Quarter 4		Summer 2019-2020/Winter 2020-2021			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
CAPS 5018	Basic Sciences Capstone/NPLEX I Review (weeks 1-4)			33.0			33.00	3.0	
GNMD 6014	Gen Med Diagnosis I (weeks 5-11)			77.0			77.00	7.0	
ANAT 5048	Neuroanatomy			22.0			22.00	2.0	
ENVM 6010	Environmental Med			27.5			27.50	2.5	
MICR 5034	Microbiology II			44.0			44.00	4.0	
PSYC 6010	Mind Body Med: Fund of Mind-Body Med			22.0			22.00	2.0	
OMND 6010	Oriental Med I: Theory & Fundamentals of Oriental Med			27.5			27.50	2.5	
PHMD 6010	Physical Med I: Intro to Phys Med and Orthopedics			11.0			11.00	1.0	
PHMD 6010L	Physical Med I: Intro to Phys Med and Orthopedics Lab		11.0				11.00	1.0	
See below for additional courses and credits that count toward degree completion									
Year 2 Quarter 4 Totals		0.0	11.0	264.0			275.00	25.0	

Grand Totals - Year 1 132.0 165.0 825.0 1,122.00 102.0

ND Program of Study - Year Two

Quarter 5		Fall 2020-2021/Spring 2020-2021			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
CLPR 6040	Clinical Practice I ¹	22.0					22.00	2.0	
CLPR 6040L	Clinical Practice Skills Lab I ¹	22.0					22.00	2.0	
GNMD 6024	Gen Med Diagnosis II			99.0			99.00	9.0	
BOTM 6010	Botanical Med I: Intro to Botanical Medicine			22.0			22.00	2.0	
NUTR 6014	Nutrition I			22.0			22.00	2.0	
OMND 6020	Oriental Med II: TCM Diagnosis			27.5			27.50	2.5	
PHAR 6010	Pharmacology and Pharmacotherapeutics I			33.0			33.00	3.0	
PHMD 6020	Physical Med II: Nat Manipulative Treatment Assessment & App I			22.0			22.00	2.0	
PHMD 6020L	Physical Med II: Nat Manipulative Treatment Assessment & App I Lab		22.0				22.00	2.0	
See below for additional courses and credits that count toward degree completion									
Year 2 Quarter 5 Totals		44.0	22.0	225.5			291.50	26.5	

Quarter 6		Winter 2020-2021/Summer 2020-2021			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
CLPR 6050	Clinical Practice II ¹	22.0					22.00	2.0	
CLPR 6050L	Clinical Practice Skills Lab II ¹	22.0					22.00	2.0	
GNMD 6034	Gen Med Diagnosis III			99.0			99.00	9.0	
BOTM 6020L	Botanical Med Lab II: Pharmacy of Botanical Med (Fall Entry Students may take in Q7)		22.0				22.00	2.0	
NUTR 6024	Nutrition II			27.5			27.50	2.5	
OMND 6030	Oriental Med III: Meridians & Points I			22.0			22.00	2.0	
OMND 6030L	Oriental Med III: Meridians & Points I Lab		11.0				11.00	1.0	
PHAR 6020	Pharmacology and Pharmacotherapeutics II			33.0			33.00	3.0	
PHMD 6030	Physical Med III: Nat Manipulative Treatment Assessment & App II			22.0			22.00	2.0	
PHMD 6030L	Physical Med III: Nat Manipulative Treatment Assessment & App II Lab		22.0				22.00	2.0	
See below for additional courses and credits that count toward degree completion									
Year 2 Quarter 6 Totals		44.0	55.0	203.5			302.50	27.5	

ND Program of Study

ND Program of Study - Year Two (Continued)

Quarter 7		Spring 2020-2021/Fall 2021-2022			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
CLPR 6060	Clinical Practice III ¹	22.0				22.00	2.0		
CLPR 6060L	Clinical Practice Skills Lab III ¹	22.0				22.00	2.0		
GNMD 6044	Gen Med Diagnosis IV			88.0		88.00	8.0		
HMEO 6010	Homeopathy I			22.0		22.00	2.0		
OMND 6040	Oriental Med IV: Meridians & Points II			16.5		16.50	1.5		
OMND 6040L	Oriental Med IV: Meridians & Points II Lab		11.0			11.00	1.0		
PHAR 6030	Pharmacology and Pharmacotherapeutics III			33.0		33.00	3.0		
PHMD 6054	Physical Med V: Principles of Hydrotherapy			11.0		11.00	1.0		
PHMD 6054L	Physical Med V: Principles of Hydrotherapy Lab		22.0			22.00	2.0		
CLTR 4304	Clinic Entry Skills Assessment ¹	16.5				16.50	1.5		
See below for additional courses and credits that count toward degree completion									
Year 2 Quarter 7 Totals		60.5	33.0	170.5		264.00	24.0		

Quarter 8		Summer 2020-2021/Winter 2021-2022			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
CAPS 6024	NPLEX I Review (weeks 1-3)			60.0		60.00	0.0		
MNGT 6010	Practice Management I: Operations			11.0		11.00	1.0		
GNMP 6011	Gen Med Practice: Dermatology (weeks 5-12)			11.0		11.00	1.0		
GNMP 6014	Gen Med Practice: EENT (weeks 5-12)			22.0		22.00	2.0		
PSYC 6024	Mind Body Med: Intro to Medical Psychotherapy (weeks 5-12)			16.5		16.50	1.5		
PHMD 6040	Physical Med IV: Physiotherapy Modalities (weeks 5-12)			11.0		11.00	1.0		
PHMD 6040L	Physical Med IV: Physiotherapy Modalities Lab (weeks 5-12)		11.0			11.00	1.0		
OMND 7060	Oriental Med VI: Acupuncture Techniques (weeks 5-12)			11.0		11.00	1.0		
OMND 7060L	Oriental Med VI: Acupuncture Techniques Lab (weeks 5-12)		11.0			11.00	1.0		
See below for additional courses and credits that count toward degree completion									
Year 2 Quarter 8 Totals		0.0	22.0	142.5		153.50	9.5		

Grand Totals - Year 2		148.5	132.0	742.0		1,011.50	87.5
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ND Program of Study - Year Three

Quarter 9		Fall 2021-2022/Spring 2021-2022			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
BOTM 7030	Botanical Med III: Nat Mat Med Pharm & Ther I			22.0			22.00	2.0	
GNMP 7020	Gen Med Practice: Gastroenterology			27.5			27.50	2.5	
GYNE 7010	Gynecology I			33.0			33.00	3.0	
HMEO 7020	Homeopathy II			22.0			22.00	2.0	
NUTR 7034	Nutrition III			27.5			27.50	2.5	
OMND 7057	Oriental Med V: TCM Pathology			44.0			44.00	4.0	
CLTR 7000	Clinical Clerkships (2) ²	88.0					88.00	8.0	
See below for additional courses and credits that count toward degree completion									
Year 3 Quarter 9 Totals		88.0	0.0	176.0			264.00	24.0	

Quarter 10		Winter 2021-2022/Summer 2021-2022			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
BOTM 7044	Botanical Med IV: Nat Mat Med Pharm & Ther II			27.5			27.50	2.5	
GNMP 7030	Gen Med Practice: Endocrinology			27.5			27.50	2.5	
GNMP 7031	Gen Med Practice: Hematology			11.0			11.00	1.0	
GYNE 7020L	Gynecology Lab (may be taken in Qtr 10 or Qtr 11)		22.0				22.00	2.0	
HMEO 7030	Homeopathy III			22.0			22.00	2.0	
MNGT 7020	Practice Management II: Marketing			11.0			11.00	1.0	
MSRG 7010	Minor Surgery I			16.5			16.50	1.5	
MSRG 7010L	Minor Surgery I Lab		11.0				11.00	1.0	
OBST 7010	Obstetrics			27.5			27.50	2.5	
OMND 7070	Oriental Med VII: Case Analysis and Management I			22.0			22.00	2.0	
NUTR 7044	Nutrition IV			22.0			22.00	2.0	
CLTR 7000	Clinical Clerkships (2) ²	88.0					88.00	8.0	
See below for additional courses and credits that count toward degree completion									
Year 3 Quarter 10 Totals		88.0	33.0	187.0			308.00	28.0	

ND Program of Study

ND Program of Study - Year Three (Continued)

Quarter 11		Spring 2021-2022/Fall 2022-2023			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
BOTM 7050	Botanical Med V: Nat Mat Med Pharm & Ther III			22.0			22.00	2.0	
GNMP 7040	Gen Med Practice: Cardio/Vasc Med			16.5			16.50	1.5	
HMEO 7040	Homeopathy IV			22.0			22.00	2.0	
MNGT 7030	Practice Management III: Leadership			11.0			11.00	1.0	
PSYC 7034	Mind Body Med: Affect Psychotherapy /Crisis Intervention			22.0			22.00	2.0	
OMND 7084	Oriental Med VIII: Case Analysis and Management II			22.0			22.00	2.0	
PEDS 7010	Pediatrics I			22.0			22.00	2.0	
CLTR 7000	Clinical Clerkships (2) ²	88.0					88.00	8.0	
CLTR 4508	Comprehensive Clinical Skills Assessment I ¹	22.0					22.00	2.0	
See below for additional courses and credits that count toward degree completion									
Year 3 Quarter 10 Totals		110.0	0.0	137.5			247.50	22.5	

Quarter 12		Summer 2021-2022/Winter 2022-2023			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
PEDS 8020	Pediatrics II			22.0			22.00	2.0	
ERMD 8014	Emergency Medicine			33.0			33.00	3.0	
GNMP 7041	Gen Med Practice: Pulmonology			16.5			16.50	1.5	
CLTR 7000	Clinical Clerkships (5) ²	220.0					220.00	20.0	
See below for additional courses and credits that count toward degree completion									
Year 3 Quarter 12 Totals		220.0	0.0	71.5			291.50	26.5	
Grand Totals - Year 3		506.0	33.0	572.0			1,089.00	101.0	

ND Program of Study

ND Program of Study - Year Four

Quarter 13		Fall 2022-2023/Spring 2022-2023			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
GNMP 8050	Gen Med Practice: Rheumatology			22.0			22.00	2.0	
GNMP 8051	Gen Med Practice: Muscul / Ortho			11.0			11.00	1.0	
PSYC 8040	Mind Body Med: Medical Mgmt of Addiction			16.5			16.50	1.5	
MSRG 8020	Minor Surgery II			11.0			11.00	1.0	
MSRG 8020L	Minor Surgery Lab II		11.0				11.00	1.0	
CLTR 8000	Clinical Clerkships (5) ²	220.0					220.00	20.0	
See below for additional courses and credits that count toward degree completion									
Year 4 Quarter 13 Totals		220.0	11.0	60.5			291.50	26.5	

Quarter 14		Winter 2022-2023/Summer 2022-2023			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
CAPS 8034	NPLEX II Review			60.0			60.00	0.0	
GNMP 8060	Gen Med Practice: Neurology			22.0			22.00	2.0	
GNMP 8070	Gen Med Practice: Urology / Kidney / Male			16.5			16.50	1.5	
GNMP 8074	Gen Med Practice: Men's Health			11.0			11.00	1.0	
CLTR 8000	Clinical Clerkships (5) ²	220.0					220.00	20.0	
CLTR 4908	Comprehensive Clinical Case Study ¹	22.0					22.00	2.0	
See below for additional courses and credits that count toward degree completion									
Year 4 Quarter 14 Totals		242.0	0.0	109.5			351.50	26.5	

Quarter 15		Spring 2022-2023/Fall 2023-2024			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
GNMP 8061	Gen Med Practice: Oncology			16.5			16.50	1.5	
GNMP 8076	Gen Med Practice: Geriatrics			22.0			22.00	2.0	
MNGT 8040	Practice Management IV: Administration			11.0			11.00	1.0	
CLTR 8000	Clinical Clerkships (5) ² (weeks 1-11)	220.0					220.00	20.0	
See below for additional courses and credits that count toward degree completion									
Year 4 Quarter 15 Totals		220.0	0.0	49.5			253.00	24.5	

ND Program of Study

ND Program of Study - Year Four (Continued)

Additional courses and credits that count toward degree completion		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
TBD	Didactic Selectives*			132.0	132.00	12.0
CLTR 6600	Lab Post ¹ ** (may take in Qtrs 4-8)	11.0			11.00	1.0
CLTR 6704	Medicinary/IV Post ¹ ** (may take in Qtrs 4-8)	11.0			11.00	1.0
CLTR 6004	Field Observation ² (may take in Qtrs 4-8)	44.0			44.00	4.0
CLTR 6100	Break Rotation ² *** (may take in Quarters 9-15)	44.0			44.00	4.0
Totals		110.0	0.0	132.0	242.00	22.0
Grand Totals - Year 4		792.0	11.0	351.5	1,127.00	99.5

Grand Totals		Clinic	Lab	Didactic	Total
Credit Hours		143.50	31.00	215.50	390.00
Contact Hours		1,578.50	341.00	2,490.50	4,410.00

CNME Requirement Grand Total		Clinic
Clerkship Credits		112.00
Clerkship Contact Hours		1,232.00

*The 12-20 total credit hours of didactic selectives must be taken

** The lab post and medicinary/IV posts may be taken in Qtrs 4-8

***The 4-credit break rotation can be taken in Qtrs 9-15

¹ These hours do not count toward the 1,200 clock hours of clinical training required by CNME.

² These hours count toward the 1,200 clock hours of clinical training required by CNME.

ND Five Year Program of Study

Program of Study - Year One

Quarter 1		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
ANAT 5014	Regional Anatomy, Embryology and Histology I			55.0	55.00	5.0
ANAT 5014L	Regional Anatomy, Embryology and Histology I Lab		33.0		33.00	3.0
PHYS 5014	Human Physiology and Endocrinology I			44.0	44.00	4.0
PHYS 5014L	Human Physiology and Endocrinology I Lab		11.0		11.00	1.0
ICSA 5014	Integrated Case Studies Application I			11.0	11.00	1.0
NTMD 5010	Philosophical and Historical Foundations of Nat Med I			22	22.00	2.0
Year 1 Quarter 1 Totals		0.0	44.0	132.0	176.00	16.0

Quarter 2		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
ANAT 5024	Regional Anatomy, Embryology and Histology II			33.0	33.00	3.0
ANAT 5024L	Regional Anatomy, Embryology and Histology II Lab		33.0		33.00	3.0
PHYS 5024	Human Physiology and Endocrinology II			44.0	44.00	4.0
PHYS 5024L	Human Physiology and Endocrinology II Lab		11.0		11.00	1.0
ICSA 5024	Integrated Case Studies Application II			11.0	11.00	1.0
Year 1 Quarter 2 Totals		0.0	44.0	88.0	132.00	12.0

Quarter 3		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
ANAT 5034	Regional Anatomy, Embryology and Histology III			33.0	33.00	3.0
ANAT 5034L	Regional Anatomy, Embryology and Histology III Lab		33.0		33.00	3.0
PHYS 5034	Human Physiology and Endocrinology III			44.0	44.00	4.0
PHYS 5034L	Human Physiology and Endocrinology III Lab		11.0		11.00	1.0
ICSA 5034	Integrated Case Studies Application III			11.0	11.00	1.0
Year 1 Quarter 3 Totals		0.0	44.0	88.0	132.00	12.0

ND Program of Study

Program of Study - Year One (Continued)

Quarter 4		Summer 2019-2020/Winter 2020-2021	Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic			
PSYC 6010	Mind Body Med: Fund of Mind-Body Med			22	22.00	2.0	
ANAT 5048	Neuroanatomy			22.0	22.00	2.0	
ENVM 6010	Environmental Med			27.5	27.50	2.5	
See below for additional courses and credits that count toward degree completion							
Year 1 Quarter 4 Totals		0.0	0.0	71.5	71.50	6.5	
Grand Totals - Year 1		0.0	132.0	379.5	511.50	46.5	

Program of Study - Year Two

Quarter 5		Fall 2020-2021/Spring 2020-2021	Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic			
BIOC 5014	Biochemistry I			44.0	44.00	4.0	
RSCH 5016	Research I			11	11.00	1.0	
CLPR 5010	Intro to Clinical Practice I ¹	22.0			22.00	2.0	
CLPR 5010L	Intro to Clinical Practice Skills Lab I ¹	22.0			22.00	2.0	
See below for additional courses and credits that count toward degree completion							
Year 2 Quarter 5 Totals		44.0		55.0	99.00	9.0	

Quarter 6		Winter 2020-2021/Summer 2020-2021	Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic			
BIOC 5026	Biochemistry II			44.0	44.00	4.0	
IMMU 5024	Immunology			33	33.00	3.0	
RSCH 5024	Research II			11.0	11.00	1.0	
CLPR 5020	Intro to Clinical Practice II ¹	22.0			22.00	2.0	
CLPR 5020L	Intro to Clinical Practice Skills Lab II ¹	22.0			22.00	2.0	
NTMD 5020	Philosophical and Historical Foundations of Nat Med II			22	22.00	2.0	
See below for additional courses and credits that count toward degree completion							
Year 2 Quarter 6 Totals		44.0		110.0	154.00	14.0	

ND Program of Study

Program of Study - Year Two (Continued)

Quarter 7		Spring 2020-2021/Fall 2021-2022			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
MGEN 5038	Medical Genetics			33			33.00	3.0	
MICR 5026	Microbiology I			33			33.00	3.0	
MICR 5026L	Microbiology I Lab		22.0				22.00	2.0	
CLPR 5030	Intro to Clinical Practice III ¹	22.0					22.00	2.0	
CLPR 5030L	Intro to Clinical Practice Skills Lab III ¹	22.0					22.00	2.0	
NTMD 5030	Philosophical and Historical Foundations of Nat Med III			22			22.00	2.0	
See below for additional courses and credits that count toward degree completion									
Year 2 Quarter 7 Totals		44.0	22.0	88.0			154.00	14.0	

Quarter 8		Summer 2020-2021/Winter 2021-2022			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
CAPS 5018	Basic Sciences Capstone (weeks 1-4)			33.0			33.00	3.0	
GNMD 6014	Gen Med Diagnosis I (weeks 5-11)			77.0			77.00	7.0	
MICR 5034	Microbiology II			44.0			44.00	4.0	
PHMD 6010	Physical Med I: Intro to Physical Med and Orthopedics			11.0			11.00	1.0	
PHMD 6010L	Physical Med I: Intro to Physical Med and Orthopedics Lab		11.0				11.00	1.0	
OMND 6010	Oriental Med I: Theory & Fundamentals of Oriental Med			27.5			27.50	2.5	
See below for additional courses and credits that count toward degree completion									
Year 2 Quarter 8 Totals		0.0	11.0	192.5			203.50	18.5	
Grand Totals - Year 2		132.0	33.0	445.5			610.50	55.5	

ND Program of Study

Program of Study - Year Three

Quarter 9		Fall 2021-2022/Spring 2021-2022			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
CLPR 6040	Clinical Practice I ¹	22.0					22.00	2.0	
CLPR 6040L	Clinical Practice Skills Lab I ¹	22.0					22.00	2.0	
GNMD 6024	Gen Med Diagnosis II			99.0			99.00	9.0	
BOTM 6010	Botanical Med I: Intro to Botanical Medicine			22.0			22.00	2.0	
NUTR 6014	Nutrition I			22.0			22.00	2.0	
OMND 6020	Oriental Med II: TCM Diagnosis			27.5			27.50	2.5	
PHAR 6010	Pharmacology and Pharmacotherapeutics I			33.0			33.00	3.0	
PHMD 6020	Physical Med II: Nat Manipulative Treatment Assessment & App I			22.0			22.00	2.0	
PHMD 6020L	Physical Med II: Nat Manipulative Treatment Assessment & App I Lab		22.0				22.00	2.0	
See below for additional courses and credits that count toward degree completion									
Year 3 Quarter 9 Totals		44.0	22.0	225.5			291.50	26.5	

Quarter 10		Winter 2021-2022/Summer 2021-2022			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
CLPR 6050	Clinical Practice II ¹	22.0					22.00	2.0	
CLPR 6050L	Clinical Practice Skills Lab II ¹	22.0					22.00	2.0	
GNMD 6034	Gen Med Diagnosis III			99.0			99.00	9.0	
BOTM 6020L	Botanical Med Lab II: Pharmacy of Botanical Med (Fall Entry Students may take Q11)		22.0				22.00	2.0	
NUTR 6024	Nutrition II			27.5			27.50	2.5	
OMND 6030	Oriental Med III: Meridians & Points I			22.0			22.00	2.0	
OMND 6030L	Oriental Med III: Meridians & Points I Lab		11.0				11.00	1.0	
PHAR 6020	Pharmacology and Pharmacotherapeutics II			33.0			33.00	3.0	
PHMD 6030	Physical Med III: Nat Manipulative Treatment Assessment & App II			22.0			22.00	2.0	
PHMD 6030L	Physical Med III: Nat Manipulative Treatment Assessment & App II Lab		22.0				22.00	2.0	
See below for additional courses and credits that count toward degree completion									
Year 3 Quarter 10 Totals		44.0	55.0	203.5			302.50	27.5	

ND Program of Study

Program of Study – Year Three (Continued)

Quarter 11		Spring 2021-2022/Fall 2022-2023			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
CLPR 6060	Clinical Practice III ¹	22.0				22.00	2.0		
CLPR 6060L	Clinical Practice Skills Lab III ¹	22.0				22.00	2.0		
GNMD 6044	Gen Med Diagnosis IV			88.0		88.00	8.0		
HMEO 6010	Homeopathy I			22.0		22.00	2.0		
OMND 6040	Oriental Med IV: Meridians & Points II			16.5		16.50	1.5		
OMND 6040L	Oriental Med IV: Meridians & Points II Lab		11.0			11.00	1.0		
PHAR 6030	Pharmacology and Pharmacotherapeutics III			33.0		33.00	3.0		
PHMD 6054	Physical Med V: Principles of Hydrotherapy			11.0		11.00	1.0		
PHMD 6054L	Physical Med V: Principles of Hydrotherapy Lab		22.0			22.00	2.0		
CLTR 4304	Clinical Entry Skills Assessment ¹	16.5				16.50	1.5		
See below for additional courses and credits that count toward degree completion									
Year 3 Quarter 11 Totals		60.5	33.0	170.5		264.00	24.0		

Quarter 12		Summer 2021-2022/Winter 2022-2023			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
CAPS 6024	NPLEX I Review (weeks 1-3)			60.0		60.00	0.0		
MNGT 6010	Practice Management I: Operations			11.0		11.00	1.0		
GNMP 6011	Gen Med Practice: Dermatology (weeks 5-12)			11.0		11.00	1.0		
GNMP 6014	Gen Med Practice: EENT (weeks 5-12)			22.0		22.00	2.0		
PSYC 6024	Mind Body Med: Intro to Medical Psychotherapy (weeks 5-12)			16.5		16.50	1.5		
PHMD 6040	Physical Med IV: Physiotherapy Modalities (weeks 5-12)			11.0		11.00	1.0		
PHMD 6040L	Physical Med IV: Physiotherapy Modalities Lab (weeks 5-12)		11.0			11.00	1.0		
OMND 7060	Oriental Med VI: Acupuncture Techniques (weeks 5-12)			11.0		11.00	1.0		
OMND 7060L	Oriental Med VI: Acupuncture Techniques Lab (weeks 5-12)		11.0			11.00	1.0		
See below for additional courses and credits that count toward degree completion (can be used to attain part-time or full-time status)									
Year 3 Quarter 12 Totals		0.0	22.0	131.5		164.50	9.5		
Grand Totals - Year 3		148.5	132.0	731.0		1,022.50	87.5		

ND Program of Study

Program of Study - Year Four

Quarter 13		Fall 2022-2023/Spring 2022-2023			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
BOTM 7030	Botanical Med III: Nat Mat Med Pharm & Ther I			22.0	22.00	2.0			
GNMP 7020	Gen Med Practice: Gastroenterology			27.5	27.50	2.5			
GYNE 7010	Gynecology I			33.0	33.00	3.0			
HMEO 7020	Homeopathy II			22.0	22.00	2.0			
NUTR 7034	Nutrition III			27.5	27.50	2.5			
OMND 7057	Oriental Med V: TCM Pathology			44.0	44.00	4.0			
CLTR 7000	Clinical Clerkships (2) ²	88.0			88.00	8.0			
See below for additional courses and credits that count toward degree completion									
Year 4 Quarter 13 Totals		88.0	0.0	176.0	264.00	24.0			

Quarter 14		Winter 2022-2023/Summer 2022-2023			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
BOTM 7044	Botanical Med IV: Nat Mat Med Pharm & Ther II			27.5	27.50	2.5			
GNMP 7030	Gen Med Practice: Endocrinology			27.5	27.50	2.5			
GNMP 7031	Gen Med Practice: Hematology			11.0	11.00	1.0			
GYNE 7020L	Gynecology Lab (may take in Qtr 14 or Qtr 15)		22.0		22.00	2.0			
HMEO 7030	Homeopathy III			22.0	22.00	2.0			
MNGT 7020	Practice Management II: Marketing			11.0	11.00	1.0			
MSRG 7010	Minor Surgery I			16.5	16.50	1.5			
MSRG 7010L	Minor Surgery I Lab		11.0		11.00	1.0			
OBST 7010	Obstetrics			27.5	27.50	2.5			
OMND 7070	Oriental Med VII: Case Analysis and Management I			22.0	22.00	2.0			
NUTR 7044	Nutrition IV			22.0	22.00	2.0			
CLTR 7000	Clinical Clerkships (2) ²	88.0			88.00	8.0			
See below for additional courses and credits that count toward degree completion									
Year 4 Quarter 14 Totals		88.0	33.0	187.0	308.00	28.0			

ND Program of Study

Program of Study - Year Four (Continued)

Quarter 15		Spring 2022-2023/Fall 2023-2024			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
BOTM 7050	Botanical Med V: Nat Mat Med Pharm & Ther III			22.0	22.00	2.0			
GNMP 7040	Gen Med Practice: Cardio/Vasc Med.			16.5	16.50	1.5			
HME0 7040	Homeopathy IV			22.0	22.00	2.0			
MNGT 7030	Practice Management III: Leadership			11.0	11.00	1.0			
PSYC 7034	Mind Body Med: Affect Psychotherapy /Crisis Intervention			22.0	22.00	2.0			
OMND 7084	Oriental Med VIII: Case Analysis and Management II			22.0	22.00	2.0			
PEDS 7010	Pediatrics I			22.0	22.00	2.0			
CLTR 7000	Clinical Clerkships (2) ²	88.0			88.00	8.0			
CLTR 4508	Comprehensive Clinical Skills Assessment ¹	22.0			22.00	2.0			
See below for additional courses and credits that count toward degree completion									
Year 4 Quarter 15 Totals		110.0	0.0	137.5	247.50	22.5			

Quarter 16		Summer 2022-2023/Winter 2023-2024			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
PEDS 8020	Pediatrics II			22.0	22.00	2.0			
ERMD 8014	Emergency Medicine			33.0	33.00	3.0			
GNMP 7041	Gen Med Practice: Pulmonology			16.5	16.50	1.5			
CLTR 7000	Clinical Clerkships (5) ²	220.0			220.00	20.0			
See below for additional courses and credits that count toward degree completion									
Year 4 Quarter 16 Totals		220.0	0.0	71.5	291.50	26.5			

Grand Totals - Year 4		506.0	33.0	572.0	1,111.00	101.0
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ND Program of Study

Program of Study - Year Five

Quarter 17		Fall 2023-2024/Spring 2023-2024			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
GNMP 8050	Gen Med Practice: Rheumatology			22.0			22.00	2.0	
GNMP 8051	Gen Med Practice: Muscul / Ortho			11.0			11.00	1.0	
PSYC 8040	Mind Body Med: Medical Mgmt of Addiction			16.5			16.50	1.5	
MSRG 8020	Minor Surgery II			11.0			11.00	1.0	
MSRG 8020L	Minor Surgery Lab II		11.0				11.00	1.0	
CLTR 8000	Clinical Clerkships (5) ²	220.0					220.00	20.0	
See below for additional courses and credits that count toward degree completion									
Year 5 Quarter 17 Totals		220.0	11.0	60.5			291.50	26.5	

Quarter 18		Winter 2023-2024/Summer 2023/2024			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
CAPS 8034	NPLEX II Review			60.0			60.00	0.0	
GNMP 8060	Gen Med Practice: Neurology			22.0			22.00	2.0	
GNMP 8070	Gen Med Practice: Urology / Kidney / Male			16.5			16.50	1.5	
GNMP 8074	Gen Med Practice: Men's Health			11.0			11.00	1.0	
CLTR 8000	Clinical Clerkships (5) ¹	220.0					220.00	20.0	
CLTR 4908	Comprehensive Clinical Case Study ¹	22.0					22.00	2.0	
See below for additional courses and credits that count toward degree completion									
Year 5 Quarter 18 Totals		242.0	0.0	109.5			351.50	26.5	

Quarter 19		Spring 2023-2024/Fall 2024-2025			Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic					
GNMP 8061	Gen Med Practice: Oncology			16.5			16.50	1.5	
GNMP 8076	Gen Med Practice: Geriatrics			22.0			22.00	2.0	
MNGT 8040	Practice Management IV: Administration			11.0			11.00	1.0	
CLTR 8000	Clinical Clerkships (5) ² (weeks 1-11)	220.0					220.00	20.0	
See below for additional courses and credits that count toward degree completion									
Year 5 Quarter 19 Totals		220.0	0.0	49.5			269.50	24.5	

Program of Study - Year Five (Continued)

Additional courses and credits that count toward degree completion		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
TBD	Didactic Selectives* (may be taken in Qtr 4 or Qtrs 8-19)			132.0	132.00	12.0
CLTR 6600	Lab Post ¹ ** (may take in Qtr 4 or Qtrs 8-12)	11.0			11.00	1.0
CLTR 6704	Medicinary/IV Post ¹ ** (may take in Qtr 4 or Qtrs 8-12)	11.0			11.00	1.0
CLTR 6004	Field Observation ² (may take in Qtr 4 or Qtrs 8-12)	44.0			44.00	4.0
CLTR 6100	Break Rotation ² *** (may take in Quarters 9-19)	44.0			44.00	4.0
Totals		110.0	0.0	132.0	242.00	22.0
Grad Totals - Year 5		792.0	11.0	351.5	1,154.50	99.5

Grand Totals	Clinic	Lab	Didactic	Total
Credit Hours	143.50	31.00	212.50	390.00
Contact Hours	1,578.50	341.00	2,479.50	4,410.00

CNME Requirement Grand Total	Clinic
Clerkship Credits	126.00
Clerkship Contact Hours	1,232.00

*The 12-20 total credit hours of didactic selectives must be taken

**The lab post and medicinary/IV posts may be taken in Qtr 4 or Qtrs 8-12

¹ These hours do not count toward the 1,200 clock hours of clinical training required by CNME.

² These hours count toward the 1,200 clock hours of clinical training required by CNME.

ND Course Descriptions

ND Course Descriptions

(Listed in alphabetical order)

[ANAT 5014 Regional Anatomy, Embryology, and Histology I](#) [ANAT 5014L Regional Anatomy, Embryology, and Histology I Lab](#)

(Didactic credits: 5; Lab credits: 3)

(Course fee applies – See Tuition and Fees.)

The first of three anatomy blocks, this course includes interactive didactic and laboratory instruction to learn the gross anatomy, embryology, and histology of the human body as it relates to the practice of medicine. Lab instruction includes cadaver dissection. This systems-based approach starts with fundamental concepts and continues with organ system anatomy. This course is taught in coordination with the PHYS 5014 and ICSA 5014 courses.

Prerequisite: admittance to the 4-year ND program

[ANAT 5024 Regional Anatomy, Embryology, and Histology II](#) [ANAT 5024L Regional Anatomy, Embryology, and Histology II Lab](#)

(Didactic credits: 3; Lab credits: 3)

(Course fee applies – See Tuition and Fees.)

The second of three anatomy blocks, this course includes interactive didactic and laboratory instruction to learn the gross anatomy, embryology, and histology of the human body as it relates to the practice of medicine. Lab instruction includes cadaver dissection. This systems-based approach continues with organ systems anatomy. This course is taught in coordination with the PHYS 5024 and ICSA 5024 courses.

Prerequisite: completion of all previous quarter's courses as outlined in student's prescribed program of study

[ANAT 5034 Regional Anatomy, Embryology, and Histology III](#) [ANAT 5034L Regional Anatomy, Embryology, and Histology III Lab](#)

(Didactic credits: 3; Lab credits: 3)

(Course fee applies – See Tuition and Fees.)

The third of three anatomy blocks, this course includes interactive didactic and laboratory instruction to learn the

gross anatomy, embryology, and histology of the human body as it relates to the practice of medicine. Lab instruction includes cadaver dissection. This systems-based approach continues with organ system anatomy. This course is taught in coordination with the PHYS 5034 and ICSA 5034 courses.

Prerequisite: completion of all previous quarter's courses as outlined in student's prescribed program of study

[ANAT 5048 Neuroanatomy](#)

(Didactic credits: 2)

This course incorporates the gross and microscopic anatomy of the nervous system, its circuitry, functions, pathophysiology, clinical correlations, and an introduction to imaging techniques used for the study of the nervous system. The course stresses the acquisition and use of concepts. Emphasis will be placed on the clinical relevance of the presented material.

Prerequisite: Completion of all previous quarters' courses as outlined in the students' prescribed program of study

[BIOC 5014 Biochemistry I](#)

(Didactic credits: 4)

This foundational course is the first of a three-quarter sequence in cell biology, medical biochemistry, and genetics. This course details the structure and function of the cell, as well as the molecules utilized within it, including but not limited to nucleic acids, carbohydrates, amino acids/proteins, and lipids. Structure and function relationships are stressed, with emphasis on enzyme and coenzyme function and regulation. Enzymatic regulation and cellular function are further explored within intermediary metabolism, including glycolysis, citric acid cycle, and oxidative phosphorylation. Emphasis is placed on the utilization of vitamins as coenzymes, their roles in mitochondrial energetics, and their physiologic sequelae.

Prerequisite: Completion of all previous quarters' courses as outlined in the students' prescribed program of study

[BIOC 5026 Biochemistry II](#)

(Didactic credits: 4)

This foundational course is the second course within a three-quarter sequence in cell biology, medical biochemistry, and genetics. This course focuses on the study of the body's metabolic processes, including but not limited to carbohydrates, fatty acids, lipids, nitrogen and amino acids, and nucleotides.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

ND Course Descriptions

BOTM 6010 Botanical Medicine I: Introduction to Botanical Medicine

(Didactic credits: 2)

This course lays the foundation for the botanical medicine component of the curriculum at SCNM. The format is interactive lecture and question/answer. Course content includes the foundations of botanical medicine, introduction to materia medica and monograph study, overview of various delivery systems and constituents, botanical terminology, herbal properties and actions, formulary, and posology. There is also an overview of plants found in our Southwest environment and adaptive techniques for survival.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

BOTM 6020L Botanical Medicine II Lab: Pharmacy of Botanical Medicine

(Lab credits: 2)

(Course fee applies – See Tuition and Fees.)

This is a hands-on course familiarizing students with the preparation of herbal medicine. The format is lecture and interactive demonstration. Students actively participate in the preparation of aqueous extracts, tinctures, herbal oils and salves, syrups, capsules, oxymels, poultices, and compresses. Students examine the comparable disadvantages of each type of preparation and identify the role pharmacognosy plays in determining optimal extraction and delivery for a variety of plants. Other topics presented include organoleptic assessment, quality assessment, ecological harvest of raw materials, storage, solubility of constituents, and botanical prescription writing. Monograph study is included for herbs commonly used in topical preparations. This course, along with BOTM 6010, provides the foundational information for further study in the following materia medica courses.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

BOTM 7030, 7044, 7050 Botanical Medicine III, IV, V: Naturopathic Materia Medica Pharmacognosy/Therapeutics I, II, III

(BOTM 7030: Didactic credits: 2)

(BOTM 7044: Didactic credits: 2.5)

(BOTM 7050: Didactic credits: 2)

These consecutive courses provide students with the necessary knowledge and skills to understand herbal medicine in the naturopathic materia medica. Students are taught materia medica from an organ system perspective

including gastrointestinal, respiratory, immune, cardiovascular, EENT, reproductive, urinary, endocrine, musculoskeletal, and nervous systems. Material presented on each botanical includes taxonomy, description, habitat, part(s) used, pharmacognosy, actions, historical and current medicinal actions and uses, dosing, delivery, and safety, all of which are used to critically analyze the application of each botanical.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

CAPS 5018 Basic Sciences Capstone

(Didactic credits: 3) (Weeks 1 - 4)

This 4-week block is a capstone for the basic sciences curriculum of the previous three quarters. The topics are integrative and include review of the first-year basic science courses. The final exam is cumulative and covers all of the physiology sequence as well as all the anatomy, biochemistry, immunology, and microbiology of the first three quarters.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

CAPS 6024 NPLEX I Review

(Didactic credits: 0) (Weeks 1 - 3)

This course guides and supports the student preparing for the NPLEX I exam. Through the administration of mock NPLEX exams, students identify strengths and weaknesses in their basic science knowledge. Students will develop a personalized content review plan. Content review will be provided in the following subject areas: anatomy, physiology, biochemistry, microbiology, and pathology.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

CAPS 8034 NPLEX II Review

(Didactic credits: 0) (Weeks 1 - 11)

This course guides and supports the student preparing for the NPLEX II exam. It includes review of general medical diagnosis and clinical practice disciplines. Emphasis will be placed on the diagnosis, naturopathic treatment, and principles of the following clinical modalities: nutrition, homeopathy, botanical medicine, mind-body medicine, oriental medicine, physical medicine, and emergency medicine.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

ND Course Descriptions

CLPR 5010, 5020, 5030 Introduction to Clinical Practice I, II, III

CLPR 5010L, 5020L, 5030L Introduction to Clinical Practice Skills Lab I, II, III

(CLPR 5010: Clinical credits: 2; Lab credits: 2)

(CLPR 5020: Clinical credits: 2; Lab credits: 2)

(CLPR 5030: Clinical credits: 2; Lab credits: 2)

(Lab and course fees apply – See Tuition and Fees.)

These courses spanning the first three quarters are an introduction to the art of practicing medicine. It begins with the development, enhancement, and exercise of cognitive analytical and evaluative thinking. Growth and professionalism will be practiced through affective skills, active listening, interviewing technique, and the self-application of healthy behavior. Medical ethics, jurisprudence, and cultural and social considerations will be explored. Differential diagnosis, critical thinking, and case assessment will be introduced through case-based learning. Public health, epidemiology, and basic lab procedures will be addressed. Basic skills in phlebotomy and injection techniques will be practiced through hands-on lab exercises. Beginning clinical skills such as the patient interview, heart and lung physical exams, clinical assessment, and charting will prepare the student for clinical observation opportunities and for the required standardized clinical practice exam at the end of the first year. (2 contact hours lecture, 2 contact hours lab per week)

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

CLPR 6040, 6050, 6060 Clinical Practice I, II, III

CLPR 6040L, 6050L, 6060L Clinical Practice Skills Lab I, II, III

(CLPR 6040: Clinical credits: 2; Lab credits: 2)

(CLPR 6050: Clinical credits: 2; Lab credits: 2)

(CLPR 6060: Clinical credits: 2; Lab credits: 2)

(Lab fee applies – See Tuition and Fees.)

In year 2 (year 3 in the 5-year track) the clinical practice coursework expands to include male, female, orthopedic, Head/Ears/Eyes/Nose/Throat (HEENT), abdominal, and neurological systems physical exams. It will refine the integration of subjective and objective information into an effective and realistic patient assessment. Clinical decision-making and case management will be exercised using case-based instruction. Cultural competencies and social diversities in private practice and in community medicine will be explored. Preventative approaches and health screening standards will be addressed. Students will also

review basic electronic health record skills. Skills formulating and administering IV nutrients will be introduced. Clinical skills such as the patient interview, heart and lung physical exams, clinical assessment, and charting will be more deeply explored in preparation for a clinic entry exam required at the end of year 2 (year 3 in the 5-year track) prior to beginning the year 3 (year 4 in the 5-year track) clerkships (2 contact hours lecture, 2 contact hours lab per week).

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

CLTR 4304 Clinical Entry Skills Assessment

(Clinical credits: 1.5)

(Course fee applies – See Tuition and Fees.)

This course is dedicated to preparation for the Clinic Entry Examination (CEE), in year 2 (year 3 in the 5-year track) milestone exam, and the beginning of clinical rotations. The exam simulates clinical encounters that are commonly found in a general clinical practice utilizing Standardized Patients (SPs) trained to act out the role of the patient in clinical scenarios. Students will be refining their intake, differential diagnosis, and assessment skills through group activities including practice cases performed in class. Included in the course will be a range of self-, peer-, and physician-rated assessments. Students will practice orally delivering a case in an appropriate and efficient manner and practice charting skills. In addition, they will review administrative skills such as coding, complete clinical training modules for entry into clinic, and become familiarized with basic clinic procedures.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

CLTR 4508 Comprehensive Clinical Skills Assessment I

(Clinical credits: 2)

(Course fee applies – See Tuition and Fees.)

This course comprises a global assessment of core competencies required to practice as a beginning naturopathic physician. The SCNM Objective Structured Clinical Examination (OSCE), the final milestone exam, will assess students' communication, interpersonal, clinical, and charting skills. The exam simulates clinical encounters that are commonly found in general clinical practice utilizing Standardized Patients (SPs). The course includes case review modules designed to familiarize students with the assessment process and expectations, covering skills of patient communication, history taking, physical

ND Course Descriptions

examination, differential diagnosis, laboratory assessment, and treatment. Included in the course will be a range of self-, peer-, and physician-rated assessments.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

CLTR 4908 Comprehensive Clinical Case Study

(Clinical credits: 2)

This course builds on core competencies required to practice as a beginning naturopathic physician. The course includes case review modules designed to improve students' proficiency in differential diagnosis, laboratory assessment, patient communication, interpersonal skills, critical thinking, charting skills, treatment, and case management. Included in the course will be a range of self-, peer-, and physician-rated assessments. The case review modules simulate clinical encounters that are commonly found in a general clinical practice. The course also covers a clinical ethics module utilizing cases and group discussion and examination to assess competency.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

CLTR 6004 Field Observation

(Clinical credits: 4)

Field observation provides students with opportunities to observe established healthcare practitioners in their private clinical practices. Observation hours are completed during the first two years of the program (three years for students on the 5-year track) which allow students to gain early clinical experiences prior to beginning their clinical clerkships. Students are required to document 44 hours of observation and 40 patient contacts in the following categories: direct patient, indirect patient, and patient services/practice management.

Prerequisites: completion of quarters 1-3; including CLPR 5030, and the successful completion of the Jurisprudence exam required for attainment of a clinical training certificate from the Arizona Naturopathic Physicians Medical Board (NPMB) (see program of study for additional eligibility requirements for the 5-year track)

CLTR 6600 Laboratory Post

(Clinical credits: 1)

The laboratory post is an immersion course designed to introduce students to the SCNM Medical Center procedures with a focus on laboratory functions. Students will build an understanding of the requirements to set up a laboratory; compliance with OSHA, HIPAA, and CLIA; and laboratory billing, insurance filing, accurate coding, and interpreting lab

results. Students will enhance their skills in phlebotomy and capillary collection, specimen processing, and performing waived testing.

Prerequisites: completion of quarters 1-3 (see program of study for additional eligibility requirements for the 5-year track); valid OSHA and HIPAA certifications

CLTR 6704 Medicinary/IV Post

(Clinical credits: 1)

During the medicinary post section of this course, students gain a foundation for understanding the mechanics of a medicinary. Students learn skills related to maintaining the day-to-day functions of a medicinary including selecting quality supplements and botanical medicines, as well as ordering, receiving, stocking, and shipping products.

Students are also introduced to MySCNM resources for the medicinary and business strategies for hiring and retaining employees and preventing fraud.

During the IV section of the course, students will gain a basic foundation of the clinical practice of IV therapy. The information reviewed includes basic nutrients for infusion, IV room set up, IV administration, vaccination administration, and legal and safety aspects of having injectable therapy in your practice.

Prerequisites: completion of quarters 1-3 (see program of study for additional eligibility requirements for the 5-year track)

CLTR 7000, 8000 Clinical Clerkships

(Clinical credits: 4 per clerkship)

Clinical clerkships provide the student with practical clinical exposure, information, and additional medical knowledge in a clinical setting focusing on primary care medicine. Students will demonstrate skills in history taking and physical examinations, become skilled at differentiating between common medical conditions, and develop basic plans of treatment consistent with the principles of the naturopathic therapeutic order. Clerkships are completed at the SCNM Medical Center, the Neil Riordan Center for Regenerative Medicine and SCNM affiliated clinical sites staffed by SCNM faculty. In addition, the student will have an opportunity to work with private physicians.

Prerequisites: for CLTR 7000, passing score on Clinic Entry Exam and, for 4-year track, completion of quarters 1-8; for 5-year track, completion of quarters 1-12; for CLTR 8000, for 4-year track, completion of quarters 1-12; for 5-year track, completion of quarters 1-16

ND Course Descriptions

ENVM 6010 Environmental Medicine

(Didactic credits: 2.5)

The course will begin with the major families of chemical toxins and then will be divided into those whose primary routes of exposure are via indoor air, outdoor air, and food. Within each chemical family the main health effects will be covered along with methods of testing. Biotransformation will then be addressed along with genetic polymorphisms in those pathways and nutrient impact. Cellular and systemic effects of toxins will then be covered to not only show the classic presentations, but also the biochemical mechanisms for their effects. The classic presentation of environmental illness will be covered along with taking an environmental history. The course will be rounded out with methods of treatments.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

ERMD 8014 Emergency Medicine

(Didactic credits: 3)

This course provides students with experiences to differentially diagnose signs, symptoms, and situations in acute medical care. Students learn to recognize emergency signs and situations involving various organ systems. Emphasis is on the integration of current allopathic drugs and procedures and the complementary practice of acute care by naturopathic physicians.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GNMD 6014 General Medical Diagnosis I

(Didactic credits: 7) (weeks 5-11)

General Medical Diagnosis will be taught in a systems-based block format with integrated course content. Pathology will be aligned with instruction in clinical, physical, radiological, and laboratory diagnosis. This course will begin with the general study of cell injury, inflammation, tissue repair, neoplasia, and principles of diagnostic imaging. Hematology and dermatology will follow with integrated course content.

Prerequisites: completion of CAPS 5014 and all previous quarters' courses as outlined in students' prescribed program of study

GNMD 6024 General Medical Diagnosis II

(Didactic credits: 9)

General Medical Diagnosis will be taught in a systems-based block format with integrated course content. Pathology will be aligned with instruction in clinical, physical, radiological,

and laboratory diagnosis. This course will include EENT, endocrinology, male and female reproductive disorders, and musculoskeletal disorders. Naturopathic strategies for diagnosis will be included.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GNMD 6034 General Medical Diagnosis III

(Didactic credits: 9)

General Medical Diagnosis will be taught in a systems-based block format with integrated course content. Pathology will be aligned with instruction in clinical, physical, radiological, and laboratory diagnosis. This course will include cardiovascular, respiratory, and urinary disorders, and behavioral health.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GNMD 6044 General Medical Diagnosis IV

(Didactic credits: 8)

General Medical Diagnosis will be taught in a systems-based block format with integrated course content. Pathology will be aligned with instruction in clinical, physical, radiological, and laboratory diagnosis. This course will include gastrointestinal and neurological disorders. Naturopathic strategies for diagnosis will be included.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GNMP 6011 General Medical Practice: Dermatology

(Didactic credits: 1)

The clinical presentations discussed in the course include malignancies and benign masses, infections and inflammation, burns, hair and nail disorders, pruritus, skin ulcers, and skin rashes.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GNMP 6014 General Medical Practice: Eyes, Ears, Nose, and Throat (EENT)

(Didactic credits: 2)

This course provides an introductory exploration of common and high-risk EENT conditions seen in general naturopathic practice. Symptoms, assessment, diagnosis, and therapeutic considerations will be examined.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

ND Course Descriptions

GNMP 7020 General Medical Practice: Gastroenterology

(Didactic credits: 2.5)

This course is a comprehensive study of the gastrointestinal tract. Students will gain an understanding regarding the pathophysiology, diagnosis, clinical presentation, management of emergent situations, and standard and naturopathic treatment of conditions of the esophagus, stomach, pancreas, gallbladder, liver, small intestine, large intestine, rectum, and anus, as well as beneficial bacteria and pathogens found in the gut. Student competency will be assessed through examination and literature analysis of emergent topics in gastroenterology.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GNMP 7030 General Medical Practice: Endocrinology

(Didactic credits: 2.5)

This course focuses on the complex interactions of the human hormonal system, including the causes and effects of hormonal imbalance and dysregulation. Principles and methods of naturopathic endocrinology are discussed, including functional assessments, prevention of disease, and restoration of endocrine function, as well as hormone replacement protocols. Class instruction will focus on basic patient management of the most common endocrine disorders seen in a general medical practice, including the appropriate use of prescription hormones and complementary therapeutics.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GNMP 7031 General Medical Practice: Hematology

(Didactic credits: 1)

The clinical presentations discussed in this course include different types of anemia and leukemia, Hodgkin's and non-Hodgkin's lymphomas, myeloproliferative disorders, plasma cell dyscrasias, and clotting disorders. It will provide students with current guidance on the diagnosis and naturopathic treatment of blood diseases and on consultative problems in hematology.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GNMP 7040 General Medical Practice: Cardiology and Vascular Medicine

(Didactic credits: 1.5)

The clinical presentations discussed in the course include differentiation of chest pain, syncope, and dyspnea; infections, inflammations, acute coronary syndrome, peripheral vascular disease, hypotension, hypertension, valvular disorders, arrhythmias, heart failure, malignancies, transient ischemic attack, cerebrovascular accident, and cardiovascular shock.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GNMP 7041 General Medical Practice: Pulmonology

(Didactic credits: 1.5)

This course will begin with a review of the anatomy and physiology of the respiratory system. Evaluation of the patient with symptoms including cough, dyspnea, and chest pain will introduce various disorders. Allopathic and naturopathic treatments for various conditions will be presented. Some of the conditions included will be obstructive and restrictive disorders, infections, cancer, pulmonary embolism, ARDS, and respiratory failure.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GNMP 8050 General Medical Practice: Rheumatology

(Didactic credits: 2)

The clinical presentations discussed in the course include autoimmune and inflammatory conditions primarily affecting the musculoskeletal system. Emphasis is placed on the etiology, diagnosis, management, and treatment of monoarticular, polyarticular, and autoimmune disorders.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GNMP 8051 General Medical Practice: Musculoskeletal/Orthopedic Conditions

(Didactic credits: 1)

This advanced course addresses the clinical management of musculoskeletal and orthopedic conditions of joint and bone. Areas of focus include the spine and upper and lower extremities. The management of patients presenting with comorbidities, including infection, inflammation, malignancies, masses, injuries, and trauma, is discussed.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

ND Course Descriptions

GNMP 8060 General Medical Practice: Neurology

(Didactic credits: 2)

The clinical presentations discussed in the course include masses and malignancies, cognitive disorders, infections and inflammations, stroke, coma, vascular disorders, weakness / paralysis, sleep disorders, headache, pain modulation, movement disorders, dizziness, vertigo, gait disturbances, syncope, seizures, neurodegenerative diseases, and trauma.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GNMP 8061 General Medical Practice: Oncology

(Didactic credits: 1.5)

The clinical presentations discussed in the course include cancer cell biology, pathology, screening, and prevention guidelines. The principles and conventional therapies for cancer will be covered in addition to in-depth integrative naturopathic oncology for the most commonly observed cancers.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GNMP 8070 General Medical Practice: Urology/Kidney/Male Conditions

(Didactic credits: 1.5)

The clinical presentations discussed in the course include generalized edema, electrolyte imbalances, metabolic acidosis, metabolic alkalosis, hypertension, hematuria, polyuria, urinary frequency, dysuria, renal mass, proteinuria, acute renal failure, urinary obstruction, renal colic, nephrolithiasis, and chronic renal failure. The male reproductive system will include cancers and masses, male infertility, testicular conditions, prostate conditions, sexual dysfunction, erectile dysfunction, and trauma.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GNMP 8074 General Medical Practice: Men's Health

(Didactic credits: 1)

This course focuses on the etiology, diagnosis, management, and treatment of male health conditions. Students will learn evidence-based, effective naturopathic

treatment protocols. Criteria for referral to specialists and integration of naturopathic medicine with conventional medicine are also covered.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GNMP 8076 General Medical Practice: Geriatrics

(Didactic credits: 2)

This course focuses on the physiology of aging as well as the assessment and treatment of common disorders in the elderly, including dementia, musculoskeletal disorders, nervous system disorders, circulatory disorders, and ocular disorders. Emphasis is placed on symptoms and concerns commonly associated with aging, including social and functional limitations, nutritional issues, elder abuse, and medication management.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GYNE 7010 Gynecology I

(Didactic credits: 3)

This course focuses on the etiology, diagnosis, management, and treatment of gynecological problems. Students will learn evidence-based, effective naturopathic treatment protocols. Criteria for referral to specialists and integration of naturopathic medicine with conventional medicine are also covered. This structure of the course includes lecture, assigned readings, quizzes, cases, group discussion, and examinations. Attendance is required, and each student is expected to come to class prepared by reading the assignments and PowerPoints a day or two before the corresponding class.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

GYNE 7020L Gynecology Lab

(Lab credits: 2)

(Course fee applies – See Tuition and Fees.)

This laboratory course teaches examination and procedures associated with gynecological diagnosis and treatment. This is part lecture, part hands-on laboratory experience performing exams and gynecological procedures on models. Attendance is required, and each student is expected to come to class prepared by reading the assignments and PowerPoints before class.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

ND Course Descriptions

HMEO 6010, 7020, 7030, 7040 Homeopathy I, II, III, and IV

(HMEO 6010: Didactic credits: 2)

(HMEO 7020: Didactic credits: 2)

(HMEO 7030: Didactic credits: 2)

(HMEO 7040: Didactic credits: 2)

These courses are an integrated series that sequentially introduce the student to the art and practice of homeopathy. They will draw on and utilize the knowledge and skills gained in each of the previous homeopathy department courses. These courses are primarily designed to impart the knowledge of homeopathy necessary for the student to pass the homeopathic portion of the NPLEX licensing exam. In addition, these courses lay the foundation for the further study and mastery of homeopathy on clinical homeopathy clerkships. Topics include: Materia Medica of all the homeopathic medicines tested by NPLEX, homeopathic philosophy and theory including detailed examination of the Organon of Medicine, review of current research literature, case taking and case analysis, computer repertorization, treatment and management of acute and chronic disease states, and integrating homeopathy with other naturopathic treatment options. These courses will utilize both lecture and case-based teaching methods, along with team-based and other active forms of learning.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

ICSA 5014 Integrated Case Studies Application I

(Didactic credits: 1)

This team-taught course, in conjunction with the ANAT 5014 and PHYS 5014 courses, utilizes cooperative learning and provides clinical correlations to the basic sciences in a team-based format. Critical thinking and problem-solving skills are emphasized.

Prerequisite: admittance to the 4-year ND program

ICSA 5024 Integrated Case Studies Application II

(Didactic credits: 1)

This team-taught course, in conjunction with the ANAT 5024 and PHYS 5024 courses, utilizes cooperative learning, and provides clinical correlations to the basic sciences in a team-based format. Critical thinking and problem-solving skills are emphasized.

Prerequisite: completion of all previous quarter's courses as outlined in student's prescribed program of study

ICSA 5034 Integrated Case Studies Application III

(Didactic credits: 1)

This team-taught course, in conjunction with the ANAT 5034 and PHYS 5034 courses, utilizes cooperative learning and provides clinical correlations to the basic sciences in a team-based format. Critical thinking and problem-solving skills are emphasized.

Prerequisite: completion of all previous quarter's courses as outlined in student's prescribed program of study

IMMU 5024 Immunology

(Didactic credits: 3)

This course is designed to familiarize students with cellular, molecular, and biochemical aspects of the development of the immune system and the immune response. The course focuses on the development of the immune system and the function of its major components. The course explores the basic principles of the immune system, including tolerance, the development and differentiation of lymphocyte subsets, the regulation of immune responses, memory, cell-cell interactions, antigen presentation and recognition, vaccination, and immune-associated diseases.

Prerequisites: completion of all previous quarter's courses as outlined in student's prescribed program of study

MGEN 5038 Medical Genetics

(Didactic credits: 3)

This course focuses on molecular biology and genetics. The topics focus on biosynthesis of nucleic acids, DNA replication, transcription, regulation of translation, and post-translational modifications. Emphasis is on the human genome and Mendelian inheritance, as well as cellular differentiation, cell biology, signal transduction, oncogenetics, nutritional genomics, and pharmacogenetics.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

MICR 5026 Microbiology I

MICR 5026L Microbiology I Lab

(Didactic credits: 3; Lab credits: 2)

(Lab coat fees – See Tuition and Fees.)

This is the first of a two-quarter sequence in microbiology and immunology and includes lecture and laboratory sessions. In this course students identify and examine the bacteria that are associated with human disease. This includes evaluation of virulence factors, modes of

ND Course Descriptions

transmission, epidemiology, general pathology, and the basis of the human immune response to these factors.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

MICR 5034 Microbiology II

(Didactic credits: 4)

This course is the continuation of MICR 5024. In this course students identify and examine other microorganisms that are associated with human disease. This includes evaluation of virulence factors, modes of transmission, epidemiology, and general pathology of viruses, parasites, and fungi and the human immune defense against them.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

MNGT 6010 Practice Management I: Operations

(Didactic credits: 1)

This course focuses on providing practical business foundations where students are introduced to naturopathic industry concepts and operations. Skills and techniques are presented that can be applied in any working environment (entrepreneur, associate, or independent contractor). Topics covered include naturopathic degree career tracks, CV and cover letter creation, interview skills, business plan basics, practice models, clinical and business pearls (as they apply to 2nd year medical students), vocational skill self-assessments, and what students can do now to help prepare for their future careers.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

MNGT 7020 Practice Management II: Marketing

(Didactic credits: 1)

This is the second course in the management series where marketing foundations are introduced. Marketing tools and strategies are examined with emphasis upon building a successful naturopathic practice. Focus is given to authentically promoting and maintaining a practice and personal brand through online and offline systems, professionalism, and the integration of naturopathic philosophy. This course provides various strategies to support marketing, to build a successful practice, or to prepare yourself to work as an employee or contractor in the health care industry.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

MNGT 7030 Practice Management III: Leadership

(Didactic credits: 1)

This is the third course in the management series where leadership foundations are introduced. Leadership competencies and character are examined with emphasis upon inspiring, influencing, and impacting communities and populations at large. Focus is given to the creation of mission and vision statements; setting goals and planning for success; mastering the heart, mind, and skill of the naturopathic leader; and creating a "culture of care" in one's practice, patient programs, and career. This class provides ideas and examples to model across the spectrum of practitioners, consultants, researchers, and others.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

MNGT 8040 Practice Management IV - Administration

(Didactic credits: 1)

This course focuses on providing practical business foundations for students' post-graduate success. Skills and techniques will be presented that can be applied in any working environment (entrepreneur, associate, or independent contractor). Topics covered include licenses/certifications, necessary insurance(s), entity and tax structures, financial basics, and administrative fundamentals.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

MSRG 7010 Minor Surgery I: Introduction to Minor Surgery MSRG 7010L Minor Surgery I Lab

(Didactic credits: 1.5; Lab credits: 1)

(Equipment fee applies– See Tuition and Fees.)

This course introduces the naturopathic medical student to the fundamentals and principles of conducting minor surgical procedures in the office setting. Basic surgical techniques for the removal and/or treatment of various skin lesions, subcutaneous tissues, and laceration repair will be presented with hands-on practice in the laboratory. Principles of anesthesia, knot tying, instrumentation, diagnostics, clinical and patient evaluation, sterile field, aseptic technique, and emergency care will be discussed with emphasis on appropriate referral. At the termination of the course, students should be proficient in the diagnosis and treatment by surgical means of common epidermal, dermal, and subdermal lesions. Students will also be able

ND Course Descriptions

to do a focused intake in relation to minor surgical procedures as well as give patient education regarding diagnosis and aftercare instructions.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

MSRG 8020 Minor Surgery II: Advanced Techniques in Minor Surgery MSRG 8020L Minor Surgery II Lab

(Didactic credits: 1; Lab credits: 1)

(Equipment fee may apply– See Tuition and Fees.)

This course will review the fundamentals of conducting basic and advanced minor surgical procedures in the office setting. Basic surgical techniques from MSRG 7010 will be reviewed and expanded upon. Advanced suture techniques and minor surgical procedures for the removal and/or treatment of various integumentary and mucosal lesions will be presented weekly with hands-on practice in the laboratory.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

NTMD 5010, 5020, 5030 Philosophical and Historical Foundations of Naturopathic Medicine I, II, III

(NTMD 5010: Didactic credits: 2)

(NTMD 5020: Didactic credits: 2)

(NTMD 5030: Didactic credits: 2)

This is a three-quarter course sequence designed to introduce beginning medical students to the history and philosophy of naturopathic medicine. This is a team-taught course with emphasis given to the applied principles and historical milestones as well as the origins and development of naturopathic therapeutics including botanical medicine, homeopathy, hydrotherapy, mind-body medicine, nutrition, pharmacology, physical medicine, and Traditional Chinese Medicine. The intention of this course is for students to (1) actively engage in exploration and discovery of their personal relationship to naturopathic medicine by critically examining both controversial and widely-accepted issues and ideas within the naturopathic profession; (2) identify, strengthen, and cultivate the human dimension of the practice of medicine, including reflection and communication; and (3) clarify a personal commitment to the principles of naturopathic medicine.

Prerequisites: for NTMD 5010, admittance to the ND program; for NTMD 5020 and 5030, completion of all previous quarters' courses as outlined in students' prescribed program of study

NUTR 6014 Nutrition I: Macronutrients and Nutritional Science

(Didactic credits: 2)

This course examines cellular nutrition and metabolism, gastrointestinal function, and the role of macronutrients (fats, carbohydrates, proteins, and fiber) in health and disease. Nutritional science and the philosophies of nutritional protocols to create, maintain, and restore health are discussed. The structure of this course includes hands-on culinary lab instruction in the teaching kitchen as well as interactive lectures and discussion.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

NUTR 6024 Nutrition II: Micronutrients and Therapeutic Dynamics

(Didactic credits: 2.5)

This course examines the human body's need for specific micronutrients, the science of determining basic nutritional requirements, the role of each micronutrient, their availability in food, and the factors that influence absorption and utilization, including genetics, diseases, drug interactions, environment, exercise, and lifestyle. Effective dosing, safety considerations, and contraindications are discussed. The structure of this course includes hands-on culinary lab instruction in the teaching kitchen as well as interactive lectures and discussion.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

NUTR 7034 Nutrition III: Clinical Nutrition

(Didactic credits: 2.5)

This course introduces the clinical evaluation of diet and the diagnosis of nutritional needs. Specialized therapeutic diets and nutritional supplements will be explored for health maintenance and select populations. This course stresses therapeutic nutrition and diet as it is used to treat various diseases and conditions seen clinically in naturopathic medical practices. The structure of this course includes hands-on culinary lab instruction in the teaching kitchen as well as interactive lectures and discussion.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

NUTR 7044 Nutrition IV: Advanced Strategies for Clinical Nutrition

(Didactic credits: 2)

This case-based course will discuss strategies in clinical evaluation and protocol implementation for complex

ND Course Descriptions

conditions. Implementation strategies for clinical scenarios that involve comorbidities, socio-economic challenges, and age-related issues will be included. Nutritional testing, meal planning, recipes, food education, and supplementation for preventative care and acute and chronic conditions will be explored for individualized treatment. The structure of this course includes hands-on culinary lab instruction in the teaching kitchen as well as interactive lectures and discussion.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

OBST 7010 Obstetrics

(Didactic credits: 2.5)

This course prepares the student to provide basic health care appropriate for the pregnant woman. Topics include diagnosis of pregnancy, initiating prenatal care, therapeutics for early complications of pregnancy, management of spontaneous abortion, infertility, overview of normal and complicated labor/delivery, and the postpartum care of mothers and infants. The student is prepared to screen for risks and to offer patients referrals and informed choices related to hospital or out-of-hospital birthing options.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

OMND 6010 Oriental Medicine I: Theory and Fundamentals of Oriental Medicine

(Didactic credits: 2.5)

This course introduces the fundamental concepts of Oriental Medicine, including yin yang, five elements theory, zang-fu organ systems, qi, blood and body fluid, meridian systems, TCM etiology, and pathogenesis and treatment principles. This course lays a foundation for further study.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

OMND 6020 Oriental Medicine II: Traditional Chinese Medicine Diagnosis

(Didactic credits: 2.5)

In this course the basics of TCM Four Diagnostic Techniques are studied. TCM case-history taking, including the classic ten questions and significance of elucidated symptoms, is explored, as well as TCM classic diagnostic methods such as inspection, listening and smelling, and tongue and pulse diagnosis. Syndrome Differentiation based on Eight Principle Theory is also introduced.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

OMND 6030, 6040 Oriental Medicine III, IV: Meridians and Points I, II OMND 6030L, 6040L Oriental Medicine III, IV Lab

(OMND 6030: Didactic credits: 2; Lab credits: 1)

(OMND 6040: Didactic credits: 1.5; Lab credits: 1)

This two-course sequence covers the TCM acupuncture points and meridians. The location, function, and indications of acupuncture points of each meridian are studied. Practical, hands-on experience in point location occurs with the supervision of an experienced acupuncturist.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

OMND 7057 Oriental Medicine V: Traditional Chinese Medicine Pathology

(Didactic credits: 4)

In Traditional Chinese Medicine (TCM), treatment plans are based on symptom patterns. In this course, students will learn to identify key symptoms of Zang-Fu organ patterns and the method of syndrome differential diagnosis of TCM according to Zang-Fu organ system theory. Therapeutic principles and acupuncture treatment for individual patterns will also be studied.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

OMND 7060 Oriental Medicine VI: Acupuncture Techniques OMND 7060L Oriental Medicine VI Lab

(Didactic credits: 1; Lab credits: 1)

This course covers basic needling techniques used in acupuncture, such as needle insertion, removal, tonification, reduction, bleeding, interdermal needle, and electric stimulator; also cupping, moxibustion, and Gusha. Practical experience in needling technique occurs under the supervision of an experienced acupuncturist. Clean needle and safe needling techniques are discussed. Basic auricular acupuncture is introduced.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

OMND 7070 Oriental Medicine VII: Case Analysis and Management I

(Didactic credits: 2)

In this course a case analysis approach illustrates the disease entities commonly encountered in clinical practice. Students translate western disease assessments into TCM syndromes. The differential diagnosis of syndromes is

ND Course Descriptions

reviewed, along with the therapeutic principles required for acupuncture and Chinese prepared medicines.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

OMND 7084 Oriental Medicine VIII: Case Analysis and Management II

(Didactic credits: 2)

This course continues the exploration of case analysis and management of the disease entities commonly encountered in practice that began in OMND 7070. The differential diagnosis of syndromes is reviewed, along with the therapeutic principles required for effective treatment. Acupuncture protocols are emphasized, along with Chinese prepared medicines.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

PEDS 7010 Pediatrics I

(Didactic credits: 2)

This course focuses on the assessment of common problems in infancy, childhood, and adolescence. Emphasis is on normal developmental milestones, disease prevention, and the treatment of common childhood conditions. Appropriate referral is addressed.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

PEDS 8020 Pediatrics II

(Didactic credits: 2)

This course will be a continuation of common and complex problems in infancy, childhood, and adolescence. Disease prevention, treatment, and appropriate referral will be addressed.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

PHAR 6010 Pharmacology and Pharmacotherapeutics I

(Didactic credits: 3)

This course focuses on the principles and mechanisms of drug action and the purpose of pharmaceutical interventions. Emphasis is placed on drugs that act on neurotransmitter systems, including autonomic, hypnotics, and medications used in the treatment of pain, seizure, depression, anxiety, bipolar, psychosis, Parkinson's, and dementia, as well as drugs of abuse. It includes overviews of the pharmaceutical environment, legal and statutory issues, and basic terminology.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

PHAR 6020 Pharmacology and Pharmacotherapeutics II

(Didactic credits: 3)

This course continues the discussion of drug therapeutics, their mechanisms, and their uses. Side effects, toxicity, interaction, and contraindications are included in this course.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

PHAR 6030 Pharmacology and Pharmacotherapeutics III

(Didactic credits: 3)

This course continues the discussion of drug therapeutics, their mechanisms, and their uses. Side effects, toxicity, interaction, and contraindications are included in this course.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

PHMD 6010 Physical Medicine I: Introduction to Physical Medicine and Orthopedics PHMD 6010L Physical Medicine Lab

(Didactic credits:1; Lab credits: 1)

This course examines the study of physical medicine as a diagnostic and therapeutic tool. Emphasis is given to regional physical assessment using palpation, orthopedic tests, and orthopedic muscle testing. The theory of injury, inflammation, and the fibrosis of repair and joint end feel are examined along with a review of joint range of motion and trigger points.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

PHMD 6020 Physical Medicine II: Naturopathic Manipulative Treatment – Assessment and Application I PHMD 6020L Physical Medicine II Lab

(Didactic credits: 2; Lab credits: 2)

This is part one of a two-course sequence that covers the evaluation of normal and abnormal findings of the spine through static palpatory assessment of normal and positional deviations, assessment of joint mobility through motion palpation, grading of orthopedic muscular strength, joint range-of-motion, differential diagnosis of common and special disorders, and evaluation of common disease

ND Course Descriptions

conditions and injury of the musculoskeletal patient. Emphasis is on regional orthopedic physical assessment and osseous manipulation (HVLA). Manipulative evaluation and treatment include the sacro-iliac, lumbo-sacral, lumbar, thoracic, ribs, cervical, and occipital spinal areas. Students demonstrate application of Naturopathic Manipulative Treatment and patient management of the musculoskeletal patient. Naturopathic philosophy and principles are integrated into the course presentation.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

PHMD 6030 Physical Medicine III: Naturopathic Manipulative Treatment – Assessment and Application II PHMD 6030L Physical Medicine III Lab

(Didactic credits: 2; Lab credits: 2)

This is part two of a two-course sequence which covers the evaluation of normal and abnormal findings of the extremities through static palpation assessment of normal and postural deviations. The students will learn assessments of joint mobility through motion palpation, grading of orthopedic muscle strength and joint range of motion, differential diagnosis of common and special disorders, and evaluation of disease and injury of the musculoskeletal patient, including concussion. Emphasis is on regional orthopedic physical assessment with orthopedic testing, muscle testing, and osseous manipulation. Manipulative treatment includes the upper and lower extremities, temporomandibular joint (TMJ), and specialty visceral manipulative techniques. Patient management of the musculoskeletal patient, including exercise, will be introduced; types of pain and mechanoreceptor stimulation with movement will be discussed; and orthopedic biomechanics of posture and gait will be examined. Students are introduced to neuromuscular technique, muscle energy technique, and cranio-sacral technique. Also included is a review and refinement of spinal manipulative techniques. Naturopathic philosophy and principles are integrated into the course presentation.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

PHMD 6040 Physical Medicine IV: Physiotherapy Modalities PHMD 6040L Physical Medicine IV Lab

(Didactic credits: 1; Lab credits: 1)

This is a course in physical therapy modalities. A variety of modalities will be explored, including ultrasound, electric muscle stimulation, microcurrent, TENS, cold laser, diathermy, iontophoresis, and others. The modalities will be

studied in terms of the mechanism by which they function and how to physically apply the modalities to the patient. Students will have hands-on experience in a lab setting learning how to appropriately apply modalities. A variety of clinical applications will be discussed.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

PHMD 6054 Physical Medicine V: Principles of Hydrotherapy PHMD 6054L Physical Medicine V Lab

(Didactic credits: 1; Lab credits: 2)

This course will cover the physiology, clinical applications, and practice management of Naturopathic Hydrotherapy. By the conclusion of this course, students will be able to demonstrate written, verbal, and practical knowledge of hydrotherapy theories and skills; the physiologic response to different water treatments, temperatures, and associated applications; and how to apply techniques in acute and chronic disease safely and effectively. The use of constitutional hydrotherapy, sauna, and other methods will be taught and practiced.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

PHYS 5014 Human Physiology and Endocrinology I PHYS 5014L Human Physiology and Endocrinology I Lab

(Didactic credits: 4; Lab credits: 1)

The first of three physiology blocks, this course includes interactive didactic and laboratory instruction to examine the physiology and endocrinology of the human body. The first block includes general concepts in cell and membrane biology and begins organ systems physiology. This course is taught in coordination with the ANAT 5014 and ICSA 5014 courses.

Prerequisite: admission to the program

PHYS 5024 Human Physiology and Endocrinology II PHYS 5024L Human Physiology and Endocrinology II Lab

(Didactic credits: 4; Lab credits: 1)

The second of three physiology blocks, this course includes interactive didactic and laboratory instruction to examine the physiology and endocrinology of the human body. This systems-based approach continues with organ system

ND Course Descriptions

physiology. This course is taught in coordination with the ANAT 5024 and ICSA 5024 courses.

Prerequisite: completion of all previous quarters' courses as outlined in students' prescribed program of study.

PHYS 5034 Human Physiology and Endocrinology III

PHYS 5034L Human Physiology and Endocrinology III Lab

(Didactic credits: 4; Lab credits: 1)

The third of three physiology blocks, this course includes interactive didactic and laboratory instruction to examine the physiology and endocrinology of the human body. This systems-based approach continues with organ system physiology. This course is taught in coordination with the ANAT 5034 and ICSA 5034 courses.

Prerequisite: completion of all previous quarters' courses as outlined in students' prescribed program of study.

PSYC 6010 Mind-Body Medicine: Fundamentals of Mind-Body Medicine

(Didactic credits: 2)

This course provides the foundation necessary to understand the fundamental dynamics of mind-body medicine, including psychosocial and spiritual dimensions in healing. Students will learn how to facilitate in themselves and other people mind-body practices for disease prevention and treatment. Mind-body processes and techniques such as meditation, imagery, therapeutic writing, energy psychology, biofeedback, EMDR, and EFT are discussed and critically examined for their potential role in integrative naturopathic healthcare.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

PSYC 6024 Mind-Body Medicine: Introduction to Medical Psychotherapy

(Didactic credits: 1.5)

An overview of developmental and behavioral theory, counseling skills, and techniques is presented, along with stages in the healing process. The multi-modal model of physician as counselor in the healing relationship is critically examined. Students will critically explore the roles of patient education, patient motivation for change, and medical ethics in the doctor/patient relationship. Clinical cases will provide opportunities to develop healthy communication and counseling skills. Students will be introduced to the Diagnostic and Statistical Manual of Mental Health

Disorders (DSM) with a focus on recognition and impact of mental disorders in the naturopathic primary care setting, including how to assess risk and identify appropriate community referrals.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

PSYC 7034 Mind-Body Medicine: Affect Psychotherapy and Crisis Intervention

(Didactic credits: 2)

Students will develop the necessary foundation and general strategies to recognize, intervene, and refer patients who are experiencing transitional, traumatic, and acute psychiatric disorders. Elements of family dynamics, domestic violence, abuse, death and dying, homocidality, bullying, and suicidality are critically explored. Medical ethics issues related to these behavioral health dimensions are discussed. The use of agencies and referral sources is emphasized, as are crisis intervention and other strategies for dealing with emergency situations.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

PSYC 8040 Mind-Body Medicine: Medical Management of Addiction

(Didactic credits: 1.5)

This course provides a naturopathic model for care and treatment of people suffering from addiction. Students will explore health impacts of drug, food, and other addictions with a focus on interactive medical, psycho-social, spiritual, and biochemical/nutritional influences. This course will present a multi-modal approach to the practice of naturopathic addiction medicine, including patient motivation to change. Students will have opportunities to interact with guest speakers experienced in the field of addiction care.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

RSCH 5016 Research I

(Didactic credits: 1)

This is the first of a two-quarter sequence of research courses. This course discusses the scientific method, scientific technology, and the analysis of scientific data in general as it relates to naturopathic medicine.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

ND Course Descriptions

RSCH 5024 Research II

(Didactic credits: 1)

This course is the continuation of RSCH 5016. This course discusses the types and aids in the evaluation of journals and other scientific publications in which medical literature can be found. Students will be exposed to methods for evaluating the varying significance of research findings.

Prerequisites: completion of all previous quarters' courses as outlined in students' prescribed program of study

ND Selectives Course Descriptions

(Listed in alphabetical order)

Doctor of Naturopathic Medicine students are required to take a minimum of 12 selective credits but may take up to 20 selective credits as part of their required program of study. While Doctor of Naturopathic Medicine students are eligible to enroll in more than 20 selective credits, federal aid is not available for tuition costs that exceed the maximum 20 selective credits.

BOTM 6934 Botanical Medicine in the Rocky Mountains

(Didactic credits: 2)

This course is a four-day field study near Lyons, Colorado. Specific campsite information will be given to students, and students can either set up tents or car-camp. Day trips are planned to different locations and elevations in the local canyons and meadows for plant diversity. Approximately 30-40 plants will be available for plant identification, materia medica, and herbal therapeutics discussions including case studies, ethical wild-harvest, and medicine making. Discussion related to clinical use of plants will take place throughout the field identification, harvesting, and medicine-making segments. Individual constituents, actions, energetics, extraction, delivery, and safety will be examined for each plant. Additional costs include campsite fee, food, transportation, and medicine-making supplies.

Prerequisites: completion of quarters 1-3 (see program of study for additional eligibility requirements for the 5-year track)

BOTM 6954 Pharmacognosy & Phytochemistry

(Didactic 2 credits)

This course is an overview of secondary metabolites found in medicinal plants. This topic will be explored through the major classes of plant constituents in order to understand the activity of plants and offer a framework for the clinical application of botanical medicine. It will cover basic plant chemistry and examine solubility and extraction, variability and synergy, as well as review biosynthetic pathways, absorption, metabolism, standardization, and concentration. The primary focus of the course is on the major categories and subcategories of phytochemicals relevant to botanical medicine and the physiological effects these constituents have on the human body.

Prerequisites: BOTM 6010

BOTM 6996 Introduction to Medical Cannabis

(Didactic credits: 1.5)

This course will cover the historical use of cannabis as medicine, pharmacology and chemistry of the cannabis plant, the endocannabinoid system, clinical uses of medical cannabis, and laws and process for recommending medical cannabis in Arizona.

Prerequisites: BOTM 7030

BOTM 6998 Botanical Medicine Therapeutics: Developing Clinical Proficiency

(Didactic credits: 1.5)

This is an interactive case-based course focusing on the development of botanical formulation to treat common conditions. This course is designed to prepare students for the demands of a broad-based naturopathic practice and to gain expertise in phytotherapy. Case studies will be utilized to illustrate the complexity of botanical prescribing. Formulation will be emphasized as a clinical strategy in conditions of multifactorial etiologies and multi-organ system disease processes. The recognition of quality botanical medicine will also be addressed as well as materia medica review. The quality and value of this course largely depends on student participation in lecture and learning exercises. Be prepared for participation in this course.

Prerequisites: BOTM 7030, BOTM 7040, BOTM 7050

ND Course Descriptions

CLTR 9901 Advanced Topics in Pediatrics

(Didactic credits: 1)

The advanced topics selective course in Pediatrics is intended for clinic students and required for those in the Pediatrics honors track program. The objective is to advance discipline-specific knowledge. Students will critically review and interpret pediatric medicine research and utilize this knowledge for weekly debates with classmates. The debates will advance the students' ability to verbally communicate their knowledge, increase leadership confidence, and direct future evidence-informed clinical care.

Prerequisites: Completion of quarters 1-8 (quarters 1-12 in the 5-year track) and eligibility for clinic.

CLTR 9902 Advanced Topics in Community Medicine

(Didactic credits: 1)

The advanced topics selective course in Community Medicine is intended for clinic students and required for those in the Community Medicine honors track program. The first objective is to advance discipline-specific knowledge. Students will learn how to critically review and interpret clinical/health research and apply this knowledge as evidence-informed clinical care. Secondly, leading a discussion of their research will advance the students' ability to verbally communicate their knowledge and increase leadership confidence.

Prerequisites: Completion of quarters 1-8 (quarters 1-12 in the 5-year track) and eligibility for clinic.

CLTR 9903 Advanced Topics in Regenerative Medicine

(Didactic credits: 1)

The advanced topics selective course in regenerative medicine is intended for clinic students and required for those in the Regenerative Medicine honors track program. The first objective is to advance discipline-specific knowledge. Students will learn how to critically review and interpret clinical/health research and apply this knowledge as evidence-informed clinical care. Secondly, leading a discussion of their research will advance the students' ability to verbally communicate their knowledge and increase leadership confidence.

Prerequisites: Completion of quarters 1-8 (quarters 1-12 in the 5-year track) and eligibility for clinic.

CLTR 9904 Advanced Topics in Pain Management

(Didactic credits: 1)

The advanced topics selective course in naturopathic pain management is intended for clinic students and required for those in the Naturopathic Pain Management honors track program. The first objective is to advance discipline-specific knowledge. Students will learn how to critically review and interpret clinical/health research and apply this knowledge as evidence-informed clinical care. Secondly, leading a discussion of their research will advance the students' ability to verbally communicate their knowledge and increase leadership confidence.

Prerequisites: Completion of quarters 1-8 (quarters 1-12 in the 5-year track) and eligibility for clinic.

CLTR 9905 Advanced Topics in Nature Cure

(Didactic credits: 1)

The advanced topics selective course in Nature Cure is intended for clinic students and required for those in the Nature Cure honors track program. The first objective is to advance discipline-specific knowledge. Students will learn how to critically review and interpret clinical/health research and apply this knowledge as evidence-informed clinical care. Secondly, leading a discussion of their research will advance the students' ability to verbally communicate their knowledge and increase leadership confidence.

Prerequisites: Completion of quarters 1-8 (quarters 1-12 in the 5-year track) and eligibility for clinic.

COMH 6990 Community Health and Group Visit Models

(Didactic credits: 2)

This course prepares students to operate in a collaborative community health setting. The intersection of the Community Health Worker model and Emancipatory Health delivery models with naturopathic medicine are the focus of the course. The course will train students to think critically about their roles as naturopathic physicians on a greater health delivery team while utilizing cost-effective, culturally appropriate treatments including Latin American botanical medicine. Hands-on work with group visit models will be practiced in the classroom setting and subsequently with patients at SCNM's Roosevelt Health Center.

Pre-requisites: Completion of quarters 1-8 (quarters 1-12 in the 5-year track) and eligibility for clinic.

ND Course Descriptions

ENVM 6940 Heavy Metals

(Didactic credits: 1.5)

This selective course will cover the most commonly found and most toxic heavy metals (arsenic, cadmium, lead, and mercury). Sources, health effects, and methods of diagnosis and treatment will be covered for each of these toxicants. Research articles on these topics will be made available by the instructor for review and in-class discussion. The accurate interpretation of heavy metal test results will be required for satisfactory completion of this course.

Prerequisites: ENVM 6010 and completion of the GNMD course sequence through quarter 7 (quarter 11 in the 5-year track)

HMEO 6991 Advanced Case Management

(Didactic credits: 1)

Students focus on advanced topics in homeopathic medicine and how to integrate homeopathy with general naturopathic practice. This course is, in large measure, case based. This course emphasizes sharpening skills in case analysis and repertorization, advanced study of materia medica, and managing patients with acute and chronic conditions.

Prerequisites: HMEO 7040

NTMD 6933 Nature Cure

(Didactic credits: 2)

To prepare for the role of primary-care physician, the student of naturopathic medicine must become skilled in correlating and presenting histories, subjective symptoms, physical signs, and appropriate lab tests with a detailed evaluation of the body's level of health. The purpose of this course is for students to become familiar with the traditional methods of naturopathic medicine and to be able to apply them in clinical practice. Each class will focus on discussions of actual cases and specifically evaluate the application of each of the naturopathic principles to those cases.

Prerequisites: admission to the ND program (see program of study for additional eligibility requirements for the 5-year track)

NTMD 6936 The Human in Nature

(Didactic credits: 2)

This course will explore the concepts, theories, and research behind the benefits of nature exposure. Pertinent research on health conditions in all populations will be discussed and analyzed. The ultimate intent of this course is to impress upon the student the need for continued exposure to nature

and play throughout the human life cycle in school, work, and community settings.

Prerequisites: admission to the ND program (see program of study for additional eligibility requirements for the 5-year track)

OMND 6980 Chinese Prepared Medicines

(Didactic credits: 2.5)

This course explores Chinese prepared medicines for common syndromes and disorders because the acupuncture practitioner in North America commonly uses pill or tincture forms for adjunctive therapy. This course trains the student in the skills necessary to critically evaluate the many products available. Classical Chinese patent medicines and contemporary North American Chinese prepared formulas are discussed.

Prerequisites: OMND 6010, OMND 6020, OMND 6030, OMND 6040, OMND 7054, OMND 7055, and OMND 7070

PHMD 6970 Introduction to Applied Kinesiology

(Didactic credits: 2)

This course serves as an introduction to applied kinesiology (AK) as taught by its founder, Dr. George Goodheart. It is intended to give students a basic understanding of the methods utilized in this modality and instruction on how to apply these skills in clinical practice. Students who desire to study AK in further depth are encouraged to enroll in the certification course.

Prerequisites: PHMD 6030, OMND 6030

PHMD 6980 Orthopedic and Sports Medicine

(Didactic credits: 3.5)

In this course students evaluate sport and orthopedic injuries. Emphasis is on exercise, soft tissue therapies, physiotherapy, and manipulative techniques used in the treatment of sports and orthopedic injuries.

Prerequisites: PHMD 6030

PHMD 6981 Advanced Hydrotherapy

(Didactic credits: 3)

Advanced Hydrotherapy Lecture and Lab expand and deepen the student's experience with many hydrotherapy techniques. A particular emphasis is given to variations for specific diseases and conditions.

Prerequisites: PHMD 6054

ND Course Descriptions

PHMD 6940 Introduction to Neuro Emotional Technique (NET)

(Didactic credits: 1)

This course serves as an introduction to Neuro Emotional Technique (NET). It is intended to give students a basic understanding of the methods utilized in this modality and instruction on how to apply these skills in clinical practice. Students who desire to study NET in further depth are encouraged to enroll in the NET certification course.

Prerequisites: admission to the ND program

PSYC 6930 Stress Management

(Didactic credits: 2)

This course will allow the student to effectively identify and treat signs and symptoms of stress utilizing stress management principles and practices such as meditation, breathing techniques, guided imagery, biofeedback, art therapy, and cognitive restructuring techniques. Experiential exercises will build students' own stress management skills. The course will also provide guidance on how to diagnose, select therapies, and create individualized stress management techniques in clinical practice.

Prerequisites: admission to the ND program (see program of study for eligibility requirements for the 5-year track)

PSYC 6970 Foundations of Neurofeedback

(Didactic credits: 3)

Students receive training in the principles and applications of neurofeedback (EEG biofeedback). Neurofeedback is a clinical process for changing the electrical activity, of either cortical or sub-cortical origin, of the Central Nervous System using electroencephalography-based biofeedback and/or electrical stimulation. The neurofeedback process teaches self-regulation of neural activity and related "state change", with promising therapeutic benefits in ADD, migraine, anxiety, depression, head injury, insomnia, and a host of other neuro-cognitive disorders. Course includes neurofeedback history and research, EEG and electrophysiology, instrumentation, treatment planning, and experiential modules designed to familiarize the student with electrode placement and clinical applications. The course will also provide an introduction to quantitative EEG interpretation. The integration of neurofeedback as a complementary approach with other therapeutic procedures to enhance health and wellness will be emphasized. This course fulfills didactic requirements for certification from the two major certification boards in neurofeedback and biofeedback.

Prerequisites: completion of quarters 1-3 (see program of study for additional eligibility requirements for the 5-year track)

PSYC 6980 Naturopathic Treatments for Mental Illness

(Didactic credits: 2.5)

This course involves in-depth exploration of specific naturopathic approaches to the most common psychiatric disorders seen in general practice, including depression, bipolar, anxiety, and sleep disorders. This course will allow students to assess, synthesize and prioritize, and implement therapies consistent with naturopathic principles. Course content will include introduction to laboratory and other useful assessments, plus naturopathic treatments including nutrients, herbs, amino-acids, biofeedback, homeopathy, and other evidence-based alternative therapies. Indications and treatment options using conventional drugs and methods are explored alongside alternative approaches. Students will recognize drug/herb and drug/nutrient interactions and specific protocols for safely weaning patients off conventional drug medications when appropriate.

Prerequisites: admission to the ND program (see program of study for additional eligibility requirements for the 5-year track)

PSYC 6993 Practicum in Mind-Body Healing

(Didactic credits: 2)

Students begin utilizing a variety of current methodologies and techniques of mind-body healing. Intervention techniques are applied within a clearly outlined treatment plan. The use and effectiveness of various process-oriented techniques are critically evaluated. Primary focus is given to mind/body healing techniques selected for their potential relevance to naturopathic practice. Students practice and develop their skills and have opportunities for feedback. The instructor, TA, and/or guest-speakers will supervise skill-building sessions and provide effective role-models.

Prerequisites: admittance to the ND program

PSYC 6995 Basic Medical Hypnosis

(Didactic credits: 2)

Students learn practical tools and general strategies of hypnotic suggestion for different kinds of patients and problems. Both traditional and informal approaches to hypnosis will be taught, with emphasis placed on general day-to-day applications. Students learn to work with psychologically complex patients who are otherwise resistant to treatment. Accordingly, there will be instruction

ND Course Descriptions

on how to adapt different techniques to a client's individual needs, and how to use hypnosis for specific clinical problems such as pain control, depression, anxiety, stress management, weight loss, childbirth, and preparation for surgery. General guidelines for other problems that occur in a physician's practice will also be discussed. Ethical issues related to medical hypnosis will be addressed.

Prerequisites: admission to the ND program (see program of study for additional eligibility requirements for the 5-year track)

RSCH 6600 Directed Research Project

(Lab credits: 0.5 - 3)

This course is oriented towards independent medical student projects under the direction of the research faculty. Projects may involve design, implementation, and analysis of clinical and/or bench-top research. Prerequisites, credits, and number of students will be determined by the instructor(s). Admittance to this course is in order of registration within the Registrar's Office until course size limit has been attained.

Prerequisites: RSCH 5016

RSCH 6914 Research Studies: Case Reports and Meta-Analysis I

(Lab credits: 1)

This is the first of a two-quarter sequence of research courses. Each quarter is worth 1 credit hour, making the entire course worth 2 credit hours. Upon completing and passing the two-quarter sequence, students may re-take the complete two-quarter course one additional time. During this entire course, students will prepare research data for publication. Upon completion of the entire course, students will submit a report to a peer-reviewed journal for review and potential publication. Authorship of the report will include the student, faculty mentor, and other significant contributors.

Prerequisites: RSCH 5016

Two options are available for this course:

Option A (Meta-analysis): In this option, 1st, 2nd, 3rd, or 4th year students will prepare a meta-analysis report. This meta-analysis report will involve the analysis of a large collection of results from individual studies for the purpose of integrating the findings. The topic of the meta-analysis will be chosen by the student under the supervision and guidance of a faculty mentor.

Option B (Case report): In this option, 4th year students will prepare a case report. This case report will involve the preparation of a narrative that describes a medical problem and treatment experienced by one or more patients. The

topic of the case study will be chosen by the student under the supervision and guidance of a faculty mentor.

RSCH 6924 Research Studies: Case Reports and Meta-Analysis II

(Lab credits: 1)

This is the second of a two-quarter sequence of research courses. Each quarter is worth 1 credit hour, making the entire course worth 2 credit hours. Upon completing and passing the two-quarter sequence, students may re-take the complete two-quarter course one additional time. During this entire course, students will prepare research data for publication. Upon completion of the entire course, students will submit a report to a peer-reviewed journal for review and potential publication. Authorship of the report will include the student, faculty mentor, and other significant contributors.

Prerequisites: RSCH 6914

Two options are available for this course:

Option A (Meta-analysis): In this option, 1st, 2nd, 3rd, or 4th year students will finish a meta-analysis report that was begun during the first quarter of this course. This meta-analysis report will involve the analysis of a large collection of results from individual studies for the purpose of integrating the findings. The topic of the meta-analysis was chosen by the student under the supervision and guidance of a faculty mentor during the first quarter of this course, and the report will be completed during this second quarter.

Option B (Case report): In this option, 4th year students will prepare a case report. This case report will involve the preparation of a narrative that describes a medical problem and treatment experienced by one or more patients. The topic of the case study was chosen by the student under the supervision and guidance of a faculty mentor during the first quarter of this course, and the report will be completed during this second quarter.

SCNM 5014 Basic Sciences Skill Development I

(Didactic credits: 0)

This course provides an amalgamation of the basic science content from Q1 with an integration of study and time management strategies. Instruction is provided through the Basic Sciences Faculty, DDC tutors, and the Learning Specialist. Specific content is tailored to the needs of the individual students enrolled in this course.

Prerequisite: Failure of one or more of the first three basic sciences courses (ANAT 5014, PHYS 5014, BIOC 5014).

ND Course Descriptions

SCNM 5024 Basic Sciences Skill Development II

(Didactic credits: 0)

This course provides an amalgamation of the basic science content from Q2 with an integration of study and time management strategies. Instruction is provided through the Basic Sciences Faculty, DDC tutors, and the Learning Specialist. Specific content is tailored to the needs of the individual students enrolled in this course.

Prerequisite: Failure of one or more of the second set of basic sciences courses (ANAT 5024, PHYS 5024, BIOC 5026).



MASTERS PROGRAMS

Master Program Admissions	93
MS Academic Departments.....	94
Master of Science (MS) in Clinical Nutrition Program.....	95
MSCN Academic Policies	97
MSCN Academic Coursework	97
MSCN Program of Study.....	98
MSCN Course Descriptions.....	100
Master of Science (MS) in Nutrition Business Leadership Program.....	104
MSNBL Academic Policies	105
MSNBL Academic Coursework	105
MSNBL Program of Study	Error! Bookmark not defined.
MSNBL Course Descriptions.....	108



Master Program Admissions

Applicants are required to meet and adhere to the Institutional Admission Policies and Requirements (see the Institutional Admissions Policies) as well as the Admission Policies and Requirements for their specific program. This section contains admission policies and requirements specific to the MS programs.

Admissions Requirements

Prospective students who wish to enter a master's program must complete and submit the following requirements prior to matriculation.

1. 4-year Baccalaureate degree or equivalent (contact admissions department for requirements). Total postsecondary coursework must be completed at an accredited or candidate college or university. Within the U.S., accreditation must be recognized by the U.S. Department of Education.
2. Submission of application. The admissions application requires submission of:
 - a. Completed application
 - b. Payment of application fee
 - c. Letter of intent / personal statement
 - d. Resume or curriculum vitae
 - e. Official transcripts from institution where highest degree was earned, Veterans must also submit military training transcripts. Additional transcripts may be requested on a case-by-case basis
 - f. A cumulative grade point average (GPA) of 2.75 on a 4.0 scale is preferred. However, SCNM uses a holistic admissions process for the MSCN and MSNBL programs, and all applicants with a GPA below 2.75 are encouraged to apply to be considered on a case-by-case basis
 - g. Optional letters of recommendation may be submitted to strengthen an application
3. Applicants should have working knowledge of computers, word processing, and the internet
4. Following receipt of all required materials and fees (see Application for Admission), the Admissions Office will review the application and render an admission decision. An interview (by video conference) may be required at the discretion of the program director or dean.

International applicants must also satisfy these additional application requirements:

5. International transcript evaluation for highest degree earned completed in a foreign country
6. International applicants whose first language is not English must provide an English Language Test report (IELTS or TOEFL preferred) from an approved testing site. SCNM requires a minimum score of 80 on the Internet-based test or IELTS Band 6.5
7. Transcripts from international institutions must be translated and evaluated by a NACES member transcript evaluation service. Fees for this service are the responsibility of the applicant. The applicant must request a course by course. The report must be mailed directly to the SCNM Admissions Office and received before an evaluation of the applicant's file can begin. Additional coursework materials, such as catalogs, course descriptions, and syllabi, if requested, must be translated into English by a professional service

Application for Admission

Please visit our website at www.scnm.edu or contact the Admissions Office at (480) 858-9100 for more information.

MS Academic Departments

MS Academic Departments

Department of Clinical Nutrition

Department Chair: Vacant

The courses in the Department of Clinical Nutrition prepare students for success as practitioners of clinical nutrition by emphasizing the relationship between nutrition and human health and disease. Based on the recognition that diet is a critical foundation for health, the courses incorporate evidence-based training in dietary and health assessment, individualized nutrient requirements, nutrigenomics, therapeutic dietary protocols, supporting lifestyle/behavioral change, and practice management. Critical analyses of the current evidence for nutritional and supplemental interventions are emphasized as are practical applications of didactic training through a teaching kitchen lab and an unparalleled Virtual Health Center experience.

Department of Nutritional Sciences

Department Chair: Vacant

The courses in the Department of Nutritional Sciences focus on the physical and biological sciences as a basis for understanding the role of food and nutrients in human health and disease. The multidisciplinary courses incorporate training in clinical biochemistry, physiology, pathophysiology, microbiomics, nutrients, botanicals, and therapeutic dietary patterns. Emphasis is placed upon understanding the body's metabolic pathways for macronutrients and micronutrients; the use of food, nutrients, and botanicals in health and disease; and the responsible use of dietary and herbal supplements. Critical analyses of the current evidence for nutritional and supplemental interventions are emphasized, and self-care practices are used both to apply didactic learning and to promote personal sustainability.

Department of Nutrition Business Leadership

Department Chair: Vacant

The courses in the Department of Nutrition Business Leadership prepare students for success as a leader in the natural products industry. The multidisciplinary courses incorporate training in nutrition business fundamentals including supply chain (ingredient procurement, product manufacturing, regulations, sales, and marketing), leadership, finance, and management—all specific to the multi-billion-dollar natural foods and dietary supplement industry. The courses emphasize critical thinking, real-life problem solving, sustainability, corporate social responsibility, and effective written and verbal communication. Students will gain leadership qualities, knowledge, and skills unique to the natural products industry.

Master of Science (MS) in Clinical Nutrition Program

The Master of Science in Clinical Nutrition (MSCN) program transforms students who are passionate about nutrition into leaders and healers in the field of clinical nutrition. Students gain the professional knowledge, skills, and behaviors necessary to develop and implement effective and evidence-based nutrition-related services to support individual and public health. The innovative and 100% online curriculum has been developed with input from experts and thought leaders in the field of nutrition. The MSCN trains students in nutritional sciences, self-care, whole food nutrition, and the responsible use of dietary supplements while also covering emerging topics such as nutrigenomics and microbiomics. Additionally, the program includes a novel Virtual Health Center Experience where students practice applying new skills and knowledge safely in a virtual training environment. Graduates will be prepared for success in private clinical practice or to be employed in integrative practices, community health, or corporate settings. The program also introduces students to innovative ways to leverage their training from developing a telemedicine practice to becoming an entrepreneur in the multi-billion-dollar natural foods and dietary supplement industry. In addition to their MSCN degree, opportunities to earn industry specific certifications are embedded within the curriculum to help students increase their competence and further distinguish themselves in their field.

Program Mission

To educate and inspire the next generation of leaders and practitioners in the field of clinical nutrition to use evidence-based practices to safely, ethically, and effectively enhance the health and well-being of the people and communities they serve.

Scope of Practice

Requirements for the practice of nutrition vary from state to state (and country to country), with a wide range of certification types available. Currently, the state of Arizona has no regulation for Dietetics and Nutrition practice. There is currently no licensure law in this state outlining restrictions and/or regulations for the field of nutrition.

The MSCN program supplements students' existing clinical training/credentials with expertise and an advanced degree in nutrition. Graduates may wish to work as consultants, writers, educators, or business leaders rather than clinicians; still others may opt to go on to earn a PhD or a clinical doctoral degree. This degree program does not lead to additional licensure for practice in the field of nutrition

As of June 2019, fifteen states require a Registered Dietitian (RD) credential to practice and be licensed / registered to practice nutrition and do not offer a pathway to licensure for non-dietitian nutritionists. Thirteen states (including Arizona) do not regulate dietetics and nutrition practice/licensure, and another seventeen states do not regulate dietetics and nutrition practice/licensure but require a physician referral or RD credential to be eligible for insurance reimbursement. Five states require the RD credential to be licensed but offer a pathway to licensure for Certified Nutrition Specialists (CNS).

For current updates on state laws, we recommend visiting the Center for Nutrition Advocacy's website at <http://nutritionadvocacy.org/laws-state>.

SCNM's MSCN program has been developed to meet the eligibility requirement of several national board certifications, most notably the Certified Nutrition Specialist (CNS). SCNM's MSCN program fulfills the didactic requirements to sit for the CNS certification exam offered through the Board for Certification of Nutrition Specialists (BCNS). Before qualifying to sit for the CNS certification exam, applicants must complete 1,000 hours of supervised practice experience. SCNM does not offer this post-graduate experience.

The CNS credential is the most frequent, non-RD credential recognized in state nutrition regulations. The CNS is

- The only non-dietetics credential and examination widely named in state nutrition licensure laws
- Listed by the U.S. Government's Department of Labor as an advanced nutrition credential in the definition of the "Dietetics and Nutritionists" profession in its Occupational Outlook Handbook
- Listed by the Centers for Medicare and Medicaid as among those potentially eligible to order therapeutic diets in hospitals
- Fully accredited by the National Commission for Certifying Agencies (NCCA)

MSCN Program Information

Private professional associations awarding nutrition credentials currently recognized by the National Commission for Certifying Agencies include:

- Board for Certification of Nutrition Specialists (BCNS)
- American Clinical Board of Nutrition (ACBN)
- Commission on Dietetic Registration (CDR)

Both BCNS and CDR are recognized by the U.S. Bureau of Labor Statistics in its Occupational Handbook definition of Dietitians and Nutritionists.

Since certifying organizations may change eligibility requirements, students are advised to contact the appropriate board with any questions and to verify eligibility. Students are advised to also review licensing requirements by state for the most up-to-date information.

Program Learning Outcomes

At the conclusion of the MSCN program, graduates will be able to:

1. Utilize knowledge of nutritional sciences to describe the relationship between nutrients and human health and disease
2. Apply clinical nutrition knowledge, skills, attitudes, and practices to support effective and evidenced-based care of clients
3. Apply critical thinking and analytical skills in the review of nutrition literature and in the nutritional evaluation and management of clients
4. Demonstrate professional leadership and communication skills to cultivate collaboration and effective outcomes in the practice of clinical nutrition
5. Demonstrate ethics and professionalism in client care, in practice management, and in interactions with all other professionals
6. Utilize skills for scholarship and lifelong learning to remain current in the field of clinical nutrition

MS Clinical Nutrition Academic Policies

Satisfactory Academic Progress - Completion

The Master of Science in Clinical Nutrition (MSCN) program is designed to be completed in seven academic quarters. Students who deviate from the standard academic program will extend the length of the program. Satisfactory academic progress in the MSCN program is defined as passing all program requirements within one and one-half (1.5) times the length of the longest published program in which they are enrolled, from initial date of matriculation including any and all leaves of absence and periods of withdrawal followed by re-activation. Generally, this is three years.

Credits transferred from an approved institution count toward the minimum academic requirements to be completed at the end of each academic year (see Minimum Academic Requirements) and count toward the maximum completion time for financial aid. Students must make satisfactory progress toward the completion of their degree at SCNM to be eligible for most financial aid programs.

The Satisfactory Academic Progress Policy for the MSCN program includes a cumulative GPA of 3.0 or higher, academic term minimum academic credits earned per term, and total completion time.

Students who fail to make satisfactory academic progress for their prescribed program of study in any term will be given an academic warning and will be placed on academic probation.

Cumulative GPA Requirement

Students in the MSCN program must maintain a cumulative GPA of at least 3.0.

Minimum Academic Requirements

The following table illustrates the minimum number of credit hours required to be completed at the end of each academic year of the MSCN program.

Academic Year	Total Credits
1	18
2	35
3	52

MS Clinical Nutrition Academic Coursework

The Master of Science in Clinical Nutrition (MSCN) program at SCNM is a cohort-based, online distance learning program that follows a prescribed track. All academic credit is computed in quarter hours (see Credit Equivalence). All students are guided by the curriculum as outlined in their prescribed program of study. Students are pre-registered for all courses. Students may not deviate from their prescribed program of study. SCNM reserves the right to make curriculum changes that are applicable to all students, if necessary.

Course Format / Credit Requirements

The MSCN program consists of 36 didactic credits (432 didactic contact hours) and 15 clinical credits (180 clinical hours). The format of the program is 100% online.

Full-time enrollment is defined as being enrolled for a minimum of 4 credits. Part-time enrollment is defined as being enrolled for a minimum of 2 credits but less than 4 credits.

Credit Equivalence

Courses are reported in quarter credit hours according to the following values:

Didactic	1 credit = 12 contact hours per quarter
Laboratory	1 credit = 12 contact hours per quarter
Clinical	1 credit = 12 contact hours per quarter

Program Length / Completion Timeframe

The MSCN program is designed to be completed in less than two academic years, or seven academic quarters. Students are expected to complete the MSCN program within 12 academic quarters, not to exceed three years from initial date of matriculation, including any and all leaves of absence and periods of withdrawal.

If a student stays on track with the program, taking all courses as they are offered in sequence, students can expect to graduate within 7 consecutive quarters, or just under two calendar years.

MSCN Program of Study

MSCN Program of Study

Program of Study - Year One

Quarter 1		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
NUTC 5202	Nutritional assesment I: history, anthropometrics and energy (weeks 1-6)			24.0	24.00	2.0
NUTC 5204	Nutrition across the lifecycle I: adolescence, adulthood and older age (weeks 7-12)			24.0	24.00	2.0
NUTM 5101	Gastrointestinal physiology (weeks 1-6)			24.0	24.00	2.0
NUTM 5103	Gastrointestinal Pathophysiology (weeks 7-12)			24.0	24.00	2.0
Year 1 Quarter 1 Totals		0.0	0.0	96.0	96.00	8.0

Quarter 2		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
NUTM 5105	Clinical Biochemistry I: Macronutrients, Human Metabolism, and Energy (weeks 1-6)			36.0	36.00	3.0
NUTM 5107	Clinical Biochemistry II: Vitamins and Minerals (weeks 7-12)			24.0	24.00	2.0
NUTM 5109	Botanicals and Phytonutrients (weeks 7-12)			24.0	24.00	2.0
NUTM 5111	Self-Care: Role-Modeling Health Behaviors (weeks 1-6)			12.0	12.00	1.0
Year 1 Quarter 2 Totals		0.0	0.0	96.0	96.00	8.0

Quarter 3		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
NUTC 5206	Nutrition Across the Lifecycle II: Preconception, Pregnancy, Lactation, Infancy, And Childhood (weeks 7-12)			24.0	24.00	2.0
NUTM 5113	Diertary And Supplement Guidelines, Policies, And Safety (weeks 1-6)			24.0	24.00	2.0
NUTM 5115	Dietary Patterns for Health Promotion (weeks 7-12)			24.0	24.00	2.0
NUTM 5117	Evidence Informed Practice and Decision Making (weeks 1-6)			12.0	12.00	1.0
Year 1 Quarter 3 Totals		0.0	0.0	84.0	84.00	7.0

Quarter 4		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
NUTC 5208	Nutritional Assessment II: Laboratory (weeks 1-6)		24.0		24.00	2.0
NUTC 5210	Clinical Applications I: Health Promotion and Disease Prevention (weeks 7-12)	36.0			36.00	3.0
NUTM 5119	Nutrigenomics and Personalized Nutrition (weeks 1-6)			24.0	24.00	2.0
NUTM 5121	Teaching Kitchen Laboratory (weeks 7-12)		12.0		12.00	1.0
Year 2 Quarter 4 Totals		36.0	36.0	24.0	96.00	8.0
Grand Totals - Year 1		36.0	36.0	300.0	372.00	31.0

Program of Study - Year Two

MSCN Program of Study

Quarter 5		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
NUTC 5212	Clinical Applications II: Chronic Disease (weeks 1-12)	48.0			48.00	4.0
NUTC 5214	Nutritional Interventions for Chronic Disease (weeks 1-12)			48.0	48.00	4.0
Year 2 Quarter 5 Totals		48.0	0.0	48.0	96.00	8.0

Quarter 6		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
Winter 2020-2021/Summer 2020-2021						
NUTC 5216	Clinical Applications III: Complex Systemic Disorders (weeks 1-12)	48.0			48.00	4.0
NUTC 5218	Nutritional Interventions for Complex Systemic Disorders (weeks 1-12)			36.0	36.00	3.0
Year 2 Quarter 6 Totals		48.0	0.0	36.0	84.00	7.0

Quarter 7		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
NUTC 5220	Clinical Applications IV: Co-Morbidities and Complex Medical Disorders (weeks 1-12)	48.0			48.00	4.0
NUTC 5222	Success Academy (weeks 1-12)			24.0	24.00	2.0
Year 2 Quarter 7 Totals		48.0	0.0	24.0	72.00	6.0
Grand Totals - Year 2		144.0	0.0	96.0	240.00	20.0

Grand Totals		Clinic	Lab	Didactic	Total
Credit Hours		15.00	3.00	34.00	52.00
Contact Hours		180.00	36.00	408.00	624.00

MSCN Course Descriptions

MS Clinical Nutrition Course Descriptions

(Listed in alphabetical order)

All prerequisites presume adherence to the student's Program of Study

NUTC 5119 Nutrigenomics and Personalized Nutrition

(Didactic credits: 2)

This course introduces students to innovative topics in nutrition including functional medicine, nutrigenomics, and personalized nutrition. Student will explore current evidence on clinical applications of epigenetics and nutrigenomics and the impact of personalized genomics on nutritional biochemistry.

Pre-requisite: NUTM 5117. Co-requisite: None

NUTC 5121 Teaching Kitchen Laboratory

(Lab credits: 1)

The teaching kitchen laboratory helps students translate evidenced-based nutritional sciences into practice. Specifically, it allows for hands-on learning of how to prepare foods that promote health and support management of disease in a manner that is cost effective, easy, quick, and flavorful. This helps students provide specific dietary counseling to future clients and/or become a role model of practicing smart nutrition and self-care. The goal is to improve students' confidence and competence in providing evidence-based nutritional advice to patients to support sustainable dietary and lifestyle change.

Pre-requisite: Admission into program. Co-requisite: None

NUTC 5202 Nutritional Assessment I History, Anthropometrics and Energy

(Didactic credits: 2)

This course provides instruction on how to conduct a nutrition-focused history and physical examination and how to interpret the findings. Students also learn how to determine a client's energy needs and methods for determining an individual's dietary intake based on caloric values and macro- and micronutrient balance.

Pre-requisite: Admission into program. Co-requisite: None

NUTC 5204 Nutrition across the Lifecycle I: Adolescence, Adulthood and Older Age

(Didactic credits: 2)

This course explores nutrition across the human lifecycle from adolescence and adulthood through older age. Students learn the primary dietary issues, assessment strategies, and dietary recommendations to support health promotion and disease prevention for each of these lifecycle stages.

Pre-requisite: Admission into program. Co-requisite: None

NUTC 5206 Nutrition across the Lifecycle II: Preconception, Pregnancy, Lactation, Infancy, and Childhood

(Didactic credits: 2)

This course explores nutrition across the human lifecycle through preconception, pregnancy, lactation, infancy, and childhood. Students learn the primary dietary issues, assessment strategies, and dietary recommendations to support health promotion and disease prevention for each of these lifecycle stages.

Pre-requisite: Admission into program. Co-requisite: None

NUTC 5208 Nutritional Assessment II: Laboratory

(Lab credits: 2)

This course provides instruction in interpretation of biochemical and laboratory assessments, both standard and functional, to determine nutrient status and metabolic imbalances. Ethical use of select laboratory testing methods will also be explored. Students will learn how to correlate symptoms and lab results to inform recommendations for nutrition interventions.

Pre-requisite: NUTC 5202, NUTM 5117. Co-requisite: None

NUTC 5210 Clinical Applications I: Health Promotion and Disease Prevention

(Clinical credits: 3)

This course is an introduction to the virtual health center experience. Students will learn about the scope of practice of clinical nutrition, related regulations, and how to develop effective nutrition care plans and interventions for clients.

MSCN Course Descriptions

Clinical cases used will focus on health promotion, disease prevention, and supporting behavioral change at each stage of human development. Students will learn how to monitor client progress and use effective counseling and behavioral modification skills to help motivate and support behavioral change in clients and enhance clinical outcomes.

Pre-requisite: NUTC 5202, NUTC 5204, NUTC 5206, NUTC 5208, NUTM 5101, NUTM 5103, NUTM 5105, NUTM 5107, NUTM 5115, NUTM 5117. Co-requisite: None

NUTC 5212 Clinical Applications II: Chronic Disease

(Clinical credits: 4)

This course is a virtual health center experience focused on assessment and nutritional management of chronic, noncommunicable disease. Students will learn how to apply dietary and nutraceutical interventions for prevention, modulation, and management of individuals with chronic disorders including obesity, cardiovascular disease, insulin resistance, metabolic syndrome, diabetes, autoimmune disorders, osteoporosis, gastrointestinal disorders, and food allergies, sensitivities, and intolerances.

Pre-requisite: NUTC 5210. Co-requisite: NUTC 5214

NUTC 5214 Nutritional Interventions for Chronic Disease

(Didactic credits: 4)

Students will explore the pathophysiology of common chronic diseases and learn how to apply dietary and nutraceutical interventions for prevention, modulation, and management. Conditions covered in this course include obesity, cardiovascular disease, insulin resistance, metabolic syndrome, diabetes, autoimmune disorders, osteoporosis, gastrointestinal disorders, and food allergies, sensitivities, and intolerances.

Pre-requisite: NUTC 5210. Co-requisite: NUTC 5212

NUTC 5216 Clinical Applications III: Complex Systemic Disorders

(Clinical credits: 4)

This course is a virtual health center experience focused on assessment and nutritional management of complex systemic disorders. Students will learn how to apply dietary and nutraceutical interventions (as indicated) for prevention, modulation, and/or management of individuals with complex systemic disorders including eating disorders,

renal, hepatic, pulmonary, cognitive/ neurodegenerative disorders, psychological and psychiatric disorders, hormonal and endocrine disorders, and hematologic disorders.

Pre-requisite NUTC 5210. Co-requisite: NUTC 5218

NUTC 5218 Nutritional Interventions for Complex Systemic Disorders

(Didactic credits: 3)

Students will explore the pathophysiology of select complex systemic disorders and learn how to apply dietary and nutraceutical interventions for prevention, modulation, and management. Conditions covered in this course include eating disorders; renal, hepatic, pulmonary, cognitive/ neurodegenerative disorders; psychological and psychiatric disorders, hormonal and endocrine disorders; and hematologic disorders.

Pre-requisite: NUTC 5210. Co-requisite: NUTC 5216

NUTC 5220 Clinical Applications IV: Co-morbidities and Complex Medical Disorders

(Clinical credits: 4)

This course is a virtual health center experience focused on the nutritional management of co-morbidities and complex medical disorders. Students will learn about nutritional therapy in immunocompromised individuals (e.g. cancer, HIV-AIDS, and tuberculosis) and nutritional therapy in compromised individuals (e.g., chemotherapy, radiation, dialysis, and surgical procedures).

Pre-requisite: NUTC 5210, NUTC 5212, NUTC 5214, NUTC 5216, NUTC 5218. Co-requisite: None

NUTC 5222 Success Academy

(Didactic credits: 2)

This course prepares students for success in the business of clinical nutrition from establishing, marketing, and managing a successful clinical practice to monetizing their knowledge in innovative ways. Diverse career paths, regulations, and novel health technologies and practice models will be explored including telemedicine.

Pre-requisite: Admission into program. Co-requisite: None

MSCN Course Descriptions

NUTM 5101 Gastrointestinal Physiology

(Didactic credits: 2)

This course explores normal human physiology with an emphasis on physiology of the gastrointestinal tract. Students will learn mechanisms and regulation of motor, secretory, digestive, and absorptive functions of the gastrointestinal tract and how it impacts human health. The course also introduces students to microbiomics and the role and application of prebiotics and probiotics in health and disease.

Pre-requisite: Admission into program. Co-requisite: None

NUTM 5103 Gastrointestinal Pathophysiology

(Didactic credits: 2)

This course provides students with essential medical knowledge and a broad understanding of human disease with a focus on pathophysiology of the gastrointestinal tract. Students will also build upon their understanding of microbiomics and the role and application of prebiotics and probiotics in health and disease.

Pre-requisite: Admission into program. Co-requisite: None

NUTM 5105 Clinical Biochemistry I: Macronutrients, Human Metabolism, and Energy

(Didactic credits: 3)

This course explores key concepts in human metabolism and energy production by focusing on the structure, function, and metabolism of carbohydrates, lipids, proteins, nucleotides, water, and alcohol. Students learn about the digestion and absorption of these compounds and how to identify signs and symptoms of insufficiency, deficiency, and excess for application in clinical practice.

Pre-requisite: NUTM 5101, NUTM 5103. Co-requisite: None

NUTM 5107 Clinical Biochemistry II: Vitamins and Minerals

(Didactic credits: 2)

This course explores key concepts in human metabolism and energy production by focusing upon the structure, function, and metabolism of micronutrients: vitamins, macrominerals, and trace / microminerals. Students learn

about the digestion and absorption of these nutrients and how to identify signs and symptoms of insufficiency, deficiency, and excess for application in clinical practice.

Pre-requisite: NUTM 5101, NUTM 5103. Co-requisite: None

NUTM 5109 Botanicals and Phytonutrients

(Didactic credits: 2)

This course introduces students to the biochemical actions, physiologic effects, and clinical application of plants, phytochemicals, and zoochemicals. Students will learn the historical and traditional uses of common botanicals and modern, evidenced-based applications. Pharmacognosy, clinical use, indications, dosage, formulations, and safety considerations will be explored.

Pre-requisite: NUTM 5101, NUTM 5103. Co-requisite: None

NUTM 5111 Self-care: Role-modeling Health Behaviors

(Didactic credits: 1)

This course improves self-care in students to promote personal sustainability and prevent burnout for their own well-being as well as for the benefit of their future clients and team members. Through a combination of didactic and experiential learning, students gain an understanding of the importance and impact of self-care practices. An emphasis will be placed on hands-on, practical approaches for making sustainable changes in diet, exercise, stress management, and sleep hygiene to reduce risk of disease and promote health. As students are empowered with an enhanced capacity for self-care, it is expected that they will be more inclined, and better equipped, to implement these strategies when counseling future clients and/or when leading teams.

Pre-requisite: Admission into program. Co-requisite: None

NUTM 5113 Dietary and Supplement Guidelines, Policies, and Safety

(Didactic credits: 2)

This course explores the roles of government agencies in regulating the manufacturing, labeling, and advertising of individual foods and dietary supplements and in regulating overall food systems and the food supply. Students also learn about national and international dietary guidelines, potential sources of food contamination, and best practices associated with the safe handling of food.

Pre-requisite: Admission into program. Co-requisite: None

MSCN Course Descriptions

NUTM 5115 Dietary Patterns for Health Promotion

(Didactic credits: 2)

This course provides instruction on evidence-based dietary patterns to support health and prevent disease. Positive and negative aspects of popular diets (e.g. Mediterranean diet, glycemic index, ketogenic diet, vegan diet, vegetarian diet, paleo diet) and controversial topics in nutrition will be examined. Students will learn how to formulate dietary recommendations for specific individuals to address health-related benefits or concerns and develop a working knowledge of dietary belief systems of commonly encountered ethnic cultures.

Pre-requisite: NUTM 5103. Co-requisite: None

NUTM 5117 Evidence Informed Practice and Decision Making

(Didactic credits: 1)

This course develops students' information literacy skills by providing instruction on how to critically read, interpret, and apply scientific literature with a specific emphasis on food and nutrition research. Students learn about the hierarchy of evidence, research methodologies, ethics, and data analysis. Upon completion of this course, students will be able to evaluate research findings and apply findings to inform therapies and decisions and to substantiate claims.

Pre-requisite: Admission into program. Co-requisite: None

MSNBL Program Information

Master of Science (MS) in Nutrition Business Leadership Program

The innovative and 100% online curriculum has been developed with input from global industry experts and thought leaders and equips graduates with current, realistic, and evidenced-based training from both national and international perspectives, and with a focus on personal, environmental, and corporate sustainability. Unlike any other program, the MSNBL trains students in the nutritional sciences, supply chain (including ingredient procurement, product manufacturing, regulations, sales, and marketing), and in leadership and management—all specific to the multi-billion-dollar natural foods and dietary supplement industry. Furthermore, in addition to their MSNBL degree, opportunities to earn industry-specific certifications are embedded within the curriculum to help students increase their competence and further distinguish themselves in their field. Graduates will be ready to successfully start their own ventures or be employed by organizations in key leadership roles.

Program Mission

To educate and inspire current and future leaders to grow the global natural products industry through evidence-based and sustainable practices that safely, ethically, and effectively enhance the health and well-being of the people and communities they serve.

Scope of Practice

The MSNBL program prepares students to successfully assume leadership roles in the natural product industry as professional administrators, managers, and executives, or as entrepreneurs. There are no specific post-graduate license or certification requirements for students to work in this field. While not required for practice, students have the opportunity to earn industry-specific certifications, embedded within the curriculum, to increase their competence and further distinguish themselves.

Program Learning Outcomes

At the conclusion of the MSNBL program, graduates will be able to:

1. Utilize knowledge of nutritional sciences to describe the relationship between nutrients and human health and disease
2. Apply functional business knowledge of the global natural product industry to support effective business outcomes and professional success
3. Demonstrate effective leadership and communication skills to cultivate collaboration and effective outcomes in business
4. Implement personal, environmental, and corporate sustainability strategies to prevent burn out, cultivate a responsible and purpose-driven organization, and to improve organizational performance
5. Demonstrate ethics and professionalism in business management, leadership, decision-making, and in interactions with all clients and professionals
6. Utilize skills for scholarship and lifelong learning to remain current in the natural food and products industry

MSNBL Academic Policies

MS Nutrition Business Leadership Academic Policies

Satisfactory Academic Progress - Completion

The Master of Science in Nutrition Business Leadership (MSNBL) program is designed to be completed in five academic quarters. Students who deviate from the standard academic program will extend the length of the program. Satisfactory academic progress in the MSNBL program is defined as passing all program requirements within one and one-half (1.5) times the length of the longest published program in which they are enrolled, from initial date of matriculation including any and all leaves of absence and periods of withdrawal followed by re-activation. Generally, this is two years. Credits transferred from an approved institution count toward the minimum academic requirements to be completed at the end of each academic year (see Minimum Academic Requirements) and count toward the maximum completion time for financial aid. Students must make satisfactory progress toward the completion of their degree at SCNM to be eligible for most financial aid programs.

The Satisfactory Academic Progress Policy for the MSNBL program includes a cumulative a GPA of 3.0 or higher, minimum academic credits earned per term, and total completion time.

Students who fail to make satisfactory academic progress for their prescribed program of study in any term will be given an academic warning and will be placed on academic probation

Cumulative GPA Requirement

Students in the MSNBL program must maintain a cumulative GPA of at least 3.0.

Minimum Academic Requirements

The following table illustrates the minimum number of credit hours required to be completed at the end of each academic year of the MSNBL program.

Academic Year	Total Credits
1	19
2	38

MS Nutrition Business Leadership Academic Coursework

The MSNBL program at SCNM is a cohort-based, online distance learning program that follows a prescribed track. All academic credit is computed in quarter hours (see Credit Equivalence). All students are guided by the curriculum as outlined in their prescribed program of study. Students are pre-registered for all courses. Students may not deviate from their prescribed program of study. SCNM reserves the right to make curriculum changes that are applicable to all students, if necessary.

If a student stays on track with the program, taking all courses as they are offered in sequence, students can expect to graduate within 5 consecutive quarters, or just over one calendar year.

Course Format / Requirements

The MSNBL program consists of 38 didactic credits (456 didactic contact hours). The format of the program is 100% online.

Full-time enrollment is defined as being enrolled for a minimum of 4 credits. Part-time enrollment is defined as being enrolled for a minimum of 2 credits but less than 4 credits.

Credit Equivalence

Courses are reported in quarter credit hours according to the following values:

Didactic	1 credit = 12 contact hours per quarter
Laboratory	1 credit = 12 contact hours per quarter
Clinical	1 credit = 12 contact hours per quarter

Program Length / Completion Timeframe

The MSNBL program is designed to be completed in less than two academic years, or five academic quarters. Students are expected to complete the MSNBL program within 8 academic quarters, not to exceed two years from initial date of matriculation, including any and all leaves of absence and periods of withdrawal.

If a student stays on track with the program, taking all courses as they are offered in sequence, students can expect to graduate within 5 consecutive quarters, or just over one calendar year.

MSNBL Program of Study

Program of Study - Year One

Quarter 1		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
NUTB 5302	Leadership Development (weeks 1-6)			24.0	24.00	2.0
NUTB 5304	Organizational Development (weeks 7-12)			24.0	24.00	2.0
NUTM 5101	Gastrointestinal Physiology (weeks 1-6)			24.0	24.00	2.0
NUTM 5103	Gastrointestinal Pathophysiology (weeks 7-12)			24.0	24.00	2.0
Year 1 Quarter 1 Totals		0.0	0.0	96.0	96.00	8.0

Quarter 2		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
NUTM 5105	Clinical Biochemistry I: Macronutrients, Human Metabolism, And Energy (weeks 1-6)			36.0	36.00	3.0
NUTM 5107	Clinical Biochemistry II: Vitamins and Minerals (weeks 7-12)			24.0	24.00	2.0
NUTM 5109	Botanicals and Phytonutrients (weeks 7-12)			24.0	24.00	2.0
NUTM 5111	Self-Care: Role-Modeling Health Behaviors (weeks 1-6)			12.0	12.00	1.0
Year 1 Quarter 2 Totals		0.0	0.0	96.0	96.00	8.0

Quarter 3		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
NUTM 5113	Dietary and Supplement Guidelines, Policies, And Safety (weeks 1-6)			24.0	24.00	2.0
NUTB 5306	The Food and Supplement Industry: Policies And Regulations (weeks 7-12)			24.0	24.00	2.0
NUTM 5115	Dietary Patterns for Health Promotion (weeks 7-12)			24.0	24.00	2.0
NUTM 5117	Evidence Informed Practice and Decision Making (weeks 1-6)			12.0	12.00	1.0
Year 1 Quarter 3 Totals		0.0	0.0	84.0	84.00	7.0

Quarter 4		Contact Hours			Total Contact Hours	Total Credit Hours
Course #	Course Title	Clinic	Lab	Didactic		
NUTB 5308	Communication for Management I: Public Speaking and Writing (weeks 1-6)			24.0	24.00	2.0
NUTB 5310	Communication for Management II: Persuasion, Negotiation, And Influence (weeks 7-12)			24.0	24.00	2.0
NUTB 5320	Strategic Sales and Marketing (weeks 1-12)			48.0	48.00	4.0
Year 2 Quarter 4 Totals		0.0	0.0	96.0	96.00	8.0

Grand Totals - Year 1		0.0	0.0	372.0	372.00	31.0
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MSNBL Program of Study

Program of Study - Year Two

Quarter 5

Course #	Course Title	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
NUTB 5312	Corporate Finance and Budgeting (weeks 1-6)			24.0	24.00	2.0
NUTB 5314	Innovation: New Product Development and Manufacturing (weeks 1-6)			24.0	24.00	2.0
NUTB 5316	Sustainability and Corporate Social Responsibility (weeks 7-12)			12.0	12.00	1.0
NUTB 5318	Supply Chain Management (weeks 7-12)			24.0	24.00	2.0
Year 2 Quarter 5 Totals		0.0	0.0	84.0	84.00	7.0
Grand Totals - Year 2		0.0	0.0	84.0	84.00	7.0

Grand Totals		Clinic	Lab	Didactic	Total
Credit Hours	-	-	-	38.00	38.00
Contact Hours	-	-	-	456.00	456.00

MSNBL Course Descriptions

MS Nutrition Business Leadership Course Descriptions

(Listed in alphabetical order)

All prerequisites presume adherence to the student's Program of Study

NUTB 5302 Leadership Development

(Didactic credits: 2)

This course helps students cultivate essential leadership skills and equips them with the knowledge, skills, behaviors, and self-awareness that will allow them to assume greater leadership responsibility, improve corporate performance, and drive competitive advantage.

Prerequisites: Admission into program. Co-requisites: None.

NUTB 5304 Organizational Development

(Didactic credits: 2)

This course cultivates an understanding of human behavior in an organizational setting and helps students gain insight into strategies and methods that strengthen team performance, organizational dynamics, and organizational culture.

Prerequisites: Admission into program. Co-requisites: None.

NUTB 5306 The Food and Supplement Industry: Policies and Regulations

(Didactic credits: 2)

This course will expound upon the information covered in Dietary and supplement guidelines, policies, and safety. Student will gain an in-depth understanding of the natural food/supplement industry policies and regulations including Current Good Manufacturing Practice (CGMP), FDA Food Safety Modernization Act (FSMA), preventive controls, and international standards.

Prerequisites: NUTM 5105, NUTM 5107. Co-requisites: None.

NUTB 5308 Communication for Management I: Public Speaking and Writing

(Didactic credits: 2)

This course provides instruction on how to research, prepare, and deliver persuasive oral and written communication for diverse audiences. Students also learn technical and scientific writing techniques including specifications, standard operating procedures, and policies.

Prerequisites: Admission into program. Co-requisites: None

NUTB 5310 Communication for Management II: Persuasion, Negotiation, and Influence

(Didactic credits: 2)

This course provides instruction on how to affect another individual's opinion, perspective, behavior, and/or actions. Students will learn the distinction between influence and manipulation or coercion. Negotiation strategies that lead to win-win outcomes and that maximize the value of the agreement for all parties will also be explored.

Prerequisites: Admission into program. Co-requisites: None

NUTB 5312 Corporate Finance and Budgeting

(Didactic credits: 2)

This course teaches students fundamental concepts in corporate finance, budgeting, and accounting. Students learn how to measure a company's operating performance, interpret financial statements, set profit margins, and understand variable costs associated with processing, manufacturing, labels, and warehousing.

Prerequisites: Admission into program. Co-requisites: None

NUTB 5314 Innovation: New Product Development and Manufacturing

(Didactic credits: 2)

This course offers instruction in the basics of formulating products including safety, efficacy, consistency, raw material cost, sourcing raw materials, testing, quality assurance, documentation, and warehousing. Students learn how to start and manage innovative projects and how to launch and manage their own business or propose new business ideas and change initiatives in an organization.

Prerequisites: Admission into program. Co-requisites: None

MSNBL Course Descriptions

NUTB 5316 Sustainability and Corporate Social Responsibility

(Didactic credits: 1)

This course explores the concept and practice of corporate sustainability and responsibility. Students learn how to cultivate a responsible and purpose-driven institution and how to monetize the model.

Prerequisites: NUTM 5117. Co-requisites: None

NUTB 5318 Supply Chain Management

(Didactic credits: 2)

This course provides instruction in supply chain strategy: from raw materials and inventory to finished goods; from point of origin to point of consumption. Students learn about all aspects of supply chain management including the impact of an organization's culture in driving supply chain success. Upon successful completion of this course, students will be able to effectively manage global end-to-end supply chain activities.

Prerequisites: NUTM 5306. Co-requisites: None

NUTB 5320 Strategic Sales and Marketing

(Didactic credits: 4)

This course equips students with effective sales and marketing strategies. Students will learn about regulations regarding marketing claims, consumer behavior, establishing brand value and positioning, and determining appropriate sales channels. Students will also gain insight into how the industry is changing and how to capitalize on change.

Prerequisites: Admission into program. Co-requisites: None

NUTM 5101 Gastrointestinal Physiology

(Didactic credits: 2)

This course explores normal human physiology with an emphasis on physiology of the gastrointestinal tract. Students will learn mechanisms and regulation of motor, secretory, digestive, and absorptive functions of the gastrointestinal tract and how it impacts human health. The course also introduces students to microbiomics and the role and application of prebiotics and probiotics in health and disease.

Prerequisite: Admission into program. Co-requisite: None

NUTM 5103 Gastrointestinal Pathophysiology

(Didactic credits: 2)

This course provides students with essential medical knowledge and a broad understanding of human disease with a focus on pathophysiology of the gastrointestinal tract. Students will also build upon their understanding of microbiomics and the role and application of prebiotics and probiotics in health and disease.

Prerequisite: Admission into program. Co-requisite: None

NUTM 5105 Clinical Biochemistry I: Macronutrients, Human Metabolism, and Energy

(Didactic credits: 3)

This course explores key concepts in human metabolism and energy production by focusing on the structure, function, and metabolism of carbohydrates, lipids, proteins, nucleotides, water, and alcohol. Students learn about the digestion and absorption of these compounds and how to identify signs and symptoms of insufficiency, deficiency, and excess for application in clinical practice.

Prerequisite: NUTM 5101, NUTM 5103. Co-requisite: None

NUTM 5107 Clinical Biochemistry II: Vitamins and Minerals

(Didactic credits: 2)

This course explores key concepts in human metabolism and energy production by focusing upon the structure, function, and metabolism of micronutrients: vitamins, macrominerals, and trace microminerals. Students learn about the digestion and absorption of these nutrients and how to identify signs and symptoms of insufficiency, deficiency, and excess for application in clinical practice.

Prerequisite: NUTM 5101, NUTM 5103. Co-requisite: None

NUTM 5109 Botanicals and Phytonutrients

(Didactic credits: 2)

This course introduces students to the biochemical actions, physiologic effects, and clinical application of plants, phytochemicals, and zoochemicals. Students will learn the historical and traditional uses of common botanicals and modern, evidenced-based applications. Pharmacognosy,

MSNBL Course Descriptions

clinical use, indications, dosage, formulations, and safety considerations will be explored.

Prerequisite: NUTM 5101, NUTM 5103. Co-requisite: None

NUTM 5111 Self-care: Role-Modeling Health Behaviors

(Didactic credits: 1)

This course improves self-care in students to promote personal sustainability and prevent burnout for their own well-being as well as for the benefit of their future clients and team members. Through a combination of didactic and experiential learning, students gain an understanding of the importance and impact of self-care practices. An emphasis will be placed on hands-on, practical approaches for making sustainable changes in diet, exercise, stress management, and sleep hygiene to reduce risk of disease and promote health. As students are empowered with an enhanced capacity for self-care, it is expected that they will be more inclined, and better equipped, to implement these strategies when counseling future clients and/or when leading teams.

Prerequisite: Admission into program. Co-requisite: None

NUTM 5113 Dietary and Supplement Guidelines, Policies, and Safety

(Didactic credits: 2)

This course explores the roles of government agencies in regulating the manufacturing, labeling, and advertising of individual foods and dietary supplements and in regulating overall food systems and the food supply. Students also learn about national and international dietary guidelines, potential sources of food contamination, and best practices associated with the safe handling of food.

Prerequisite: Admission into program. Co-requisite: None

NUTM 5115 Dietary Patterns for Health Promotion

(Didactic credits: 2)

This course provides instruction on evidence-based dietary patterns to support health and prevent disease. Positive and negative aspects of popular diets (e.g. Mediterranean diet, glycemic index, ketogenic diet, vegan diet, vegetarian diet, paleo diet) and controversial topics in nutrition will be examined. Students will learn how to formulate dietary recommendations for specific individuals to address health-related benefits or concerns and develop a working knowledge of dietary belief systems of commonly encountered ethnic cultures.

Prerequisite: NUTM 5103. Co-requisite: None

NUTM 5117 Evidence Informed Practice and Decision Making

(Didactic credits: 1)

This course develops students' information literacy skills by providing instruction on how to critically read, interpret, and apply scientific literature with a specific emphasis on food and nutrition research. Students learn about the hierarchy of evidence, research methodologies, ethics, and data analysis. Upon completion of this course, students will be able to evaluate research findings and apply findings to inform therapies and decisions and to substantiate claims.

Pre-requisite: Admission into program. Co-requisite: None



FACULTY & ADMINISTRATION

SCNM Administration	112
SCNM Board of Trustees	112
Faculty.....	113
Full-Time Faculty	113
Adjunct Faculty	114
Adjunct Research Faculty.....	115
Honorary Faculty	115
Physicians	116
Field Observation and Elective Offsite Physicians.....	116



SCNM Administration

SCNM Administration

President/Chief Executive Officer

Paul A. Mittman, ND, EdD; Professor of Naturopathic Medicine; BA, State University of New York at Buffalo, 1978; ND, National College of Naturopathic Medicine, 1985; EdD.

Vice President of Finance and Administration

David Neal, CPA; BS, University of Illinois (Urbana), 1978; Arizona Licensed Certified Public Accountant, 1992.

Vice President of Student Affairs

Melissa Winquist, MA; BA, Arizona State University, 1991; MA, Arizona State University, 1994.

Vice President of Academic Affairs

H. Garrett Thompson, DC, PhD; Professor of Biochemistry; BA, Biology, Reed College 1994; PhD, Biochemistry, Loma Linda University, 2000; DC, Southern California University of Health Sciences, Los Angeles College of Chiropractic, 2010.

SCNM Board of Trustees

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Douglas R. Hawes, MBA

Robert Hopkins, BA, MBA

David Schwalm, PhD

Faculty

Full-Time Faculty

Alexander, Amanda, ND; Assistant Professor; of Naturopathic Medicine; BS, Biology/Pre-Medicine, University of Georgia, 2001; MEd, Science Education, Georgia State University, 2006; ND, Southwest College of Naturopathic Medicine, 2012.

Arnold, Taylor, PhD, RD; Assistant Professor of Nutrition; BS Biology, Arizona State University, 2012; MS, Human Nutrition, Arizona State University, 2013; PhD, Physical Activity, Nutrition, Wellness, Arizona State University, 2016; RD, Arizona State University, 2016.

Axelrod, Leslie, ND; Professor of Naturopathic Medicine; BS, Human Nutrition, University of Massachusetts; ND, Bastyr University, 1987; Dipl. Ac, Southwest College of Naturopathic Medicine, 1998.

Bain, Jaclyn, ND; Assistant Professor of Naturopathic Medicine; Division Director of Human Studies; Department Chair, Pre-clinical Studies; BS, Biology, The College of New Jersey, 2009; ND, Southwest College of Naturopathic Medicine, 2013.

Bethel, Klee, MD; Senior Staff Physician; MD, Creighton University School of Medicine, 1986.

Deng, Yong, MD, LAc; Professor of Acupuncture and Oriental Medicine; Department Chair of Acupuncture and Oriental Medicine; Supervising Acupuncturist, Endowed Chair (Gero-Vita); MD (China), LAc, Chengdu College of Traditional Chinese Medicine, 1983.

Eltigani, Hamid, MD; Professor of Anatomy; MS, Human Morphology, University of Khartoum, Sudan, 1996; MD, Mink State Medical Institute, 1991.

Feria, Lilia, ND; Staff Physician, Roosevelt Health Center; BA, Sociology, University of California, Irvine, 2004; NMD, Southwest College of Naturopathic Medicine, 2014

Gaines, Patricia, ND; Professor of Naturopathic Medicine; Department Chair of Botanical Medicine; ND, Bastyr University, 2002.

Abusamra, Yasmin, PhD; Professor of Biochemistry, Department Chair, Basic Medical Sciences; BS, Botany and Chemistry, University of Khartoum, Sudan, 1986; MS, Analytical Chemistry, University of Khartoum, Sudan, 1995; PhD, Biochemistry and Molecular Biology, Michigan State University, 2002.

Howell, Pamela, MD; Associate Professor of Clinical Diagnostics; Department Chair of General Medicine; BS, Biology and Chemistry, West Texas State University, 1985; MD, Texas Tech Medical School, 1989.

Jonas, Mary Dawn, ND; Assistant Professor of Naturopathic Medicine; BS, Psychology, Washington University, 1999; MA,

Counseling, Webster University, 2001; ND, Southwest College of Naturopathic Medicine, 2016.

Langland, Jeffrey, PhD; Professor of Research; Department Chair of Research; BS, Microbiology, Arizona State University, 1986; PhD, Microbiology, Arizona State University, 1990.

Lasku, Arben, PhD; Professor of Pathology and Laboratory Medicine; MD, University of Tirana, Albania, 1985; MS, Clinical Pathology, University of Tirana, Albania, 1988; PhD, Clinical Pathology, University of Tirana, Albania, 1994.

Messer, Stephen, ND; Professor of Naturopathic Medicine; Department Chair of Homeopathy and Pharmacology; BS, The City College of the City University of New York, 1973; MEd, Science Education, University of Pennsylvania, 1974; ND, National College of Naturopathic Medicine, 1979.

Mitchell, Jessica, ND; Assistant Professor of Naturopathic Medicine; Interim Dean, School of Naturopathic Medicine; BS, Psychobiology, Binghamton University, 2001; ND, Southwest College of Naturopathic Medicine, 2005.

Rice, Elizabeth, ND; Assistant Professor of Naturopathic Medicine; BA, Global Studies- Culture and Ideology/Spanish Language, University of California, 2002; ND, Southwest College of Naturopathic Medicine, 2009.

Schmidt, John, PhD; Professor of Physiology; BS, Biochemistry, University of Massachusetts, Amherst, 1981; PhD, Pharmacology, University of Washington, Seattle, 1987.

Seenauth, Casey, ND; Staff Physician; BS, Pre-Medical, Florida Atlantic University, 2007; ND, Southwest College of Naturopathic Medicine, 2013.

Seitz, Stephanie, ND; Assistant Professor of Naturopathic Medicine; Staff Physician; BA, Clinical Laboratory Sciences, Augustana College, 2000; ND, Southwest College of Naturopathic Medicine, 2010.

Stage, Katrina, ND; Associate Professor of Naturopathic Medicine; Division Director of Therapeutics; BA, Anthropology, Philosophy, Northwestern University, 1996; ND, Southwest College of Naturopathic Medicine, 2010.

Thompson, H. Garrett, DC, PhD; Vice President of Academic Affairs; BA, Biology, Reed College 1994; PhD, Biochemistry, Loma Linda University, 2000; DC, Southern California University of Health Sciences, Los Angeles College of Chiropractic, 2010.

Volk, Kimberly, ND; Assistant Professor of Naturopathic Medicine; Senior Staff Physician; BA, Psychology, University of Buffalo, 2001; RN, Associates in Applied Sciences, Alfred SUNY, 1992; ND, Southwest College of Naturopathic Medicine, 2006.

Physicians

Adjunct Faculty

Amrine, Craig, LAc; BS, Ceramic Engineering, Alfred University, New York, 1991; MS, Acupuncture, Phoenix Institute of Herbal Medicine and Acupuncture, 2008.

Arneson, David, ND; BS, Psychology/Biology, University of Texas at El Paso; ND, Southwest College of Naturopathic Medicine, 2000.

Audette, Kathleen, ND; BA, Chemistry, St. Joseph College, 1966; MS, Marine Environmental Ed., Eastern Connecticut State College, 1976; ND, Southwest College of Naturopathic Medicine, 1997.

Baral, Matthew, ND; Professor of Naturopathic Medicine; BA, Biology, Castleton State College, 1994; ND, Bastyr University, 2000.

Bos, Willem, DC; BS, Human Biology, Northwestern Health Sciences University, 1999; DC, Northwestern Health Sciences University, 1999.

Buratovich, Nick, ND; Professor of Naturopathic Medicine; BS, Biology, Saint Mary's College, 1973; ND, National College of Naturopathic Medicine, 1983.

Clough, Kelly, ND; BS, Physics and Economics, SUNY at Stony Brook Honors College, Stony Brook, NY, 2007; ND, Southwest College of Naturopathic Medicine, 2013.

Conner, Daniel, DC; BS, Western Illinois University, 1973; MS, Western Illinois University, 1974; DC, Cleveland College of Chiropractic, 1980.

Darragh, Angela, ND; BS, Biological Sciences, Florida Atlantic University, 2006; ND, Southwest College of Naturopathic Medicine, 2012.

Desai, Sarika, DO; BS, Health Promotion Studies, University of Southern California, 2004; DO, Western University of Health Sciences, 2008.

DiCampi, Jesika, ND; BS, Interdisciplinary Health Services, Saint Joseph's University, 2000; ND, Southwest College of Naturopathic Medicine, 2006.

Dickerson, Wendy, ND; BS, Speech Pathology and Audiology, West Virginia University, 1991; ND, Southwest College of Naturopathic Medicine, 2016.

Dye, John, ND; Professor of Naturopathic Medicine; BA, Whittier College, 1974; ND, National College of Naturopathic Medicine, 1979.

Ewald, Jaime, ND; BS, Biological Sciences, Wright State University, 2000; ND, Southwest College of Naturopathic Medicine, 2006.

Fitzgerald, Erin, ND; BA, Human Health, Arizona State University, 2004; ND, Southwest College of Naturopathic Medicine, 2008.

Ford, Noel, MA; BA, Psychology, Northern Arizona University, 2007; MA, Northern Arizona University, 2009.

Goodman-Herrick, Pearlyn, ND; ND, National College of Naturopathic Medicine, 1979; DHANP, 1988.

Grise, Diane, ND; BS, Human Biology, Indiana University, 2009; ND, Southwest College of Naturopathic Medicine, 2013.

Havens, Jennifer, ND; BS, Biology & Chemistry, University of Central Arkansas, 1996; ND, Southwest College of Naturopathic Medicine, 2015.

Hesselbrock, Rachel, ND; BS, Dietetics, Arizona State University, 2010; ND, Southwest College of Naturopathic Medicine, 2017.

Jones, Feather; Massage Therapist, Boulder School of Massage Therapy, 1978; Certification, Clinical Herbalist, Santa Fe College of Natural Medicine, 1982.

Kaser, Kara, RN; BS, Nursing, Oregon Health Science University, 2003.

Keiffer, Julie, ND; BA, Anthropology, University of Michigan, 1993; ND, Southwest College of Naturopathic Medicine, 2001.

Kennedy, Shaun, ND; MS, Psychology, University of Phoenix, 2011; ND, Southwest College of Naturopathic Medicine, 2016.

Kerievsky, Ross, ND; BA, Biological Sciences, Binghamton University, 1991; DC, Palmer College of Chiropractic, 1996; ND, Southwest College of Naturopathic Medicine, 2000.

Lan, Cara, ND; BS, Zoology, Colorado State University, Fort Collins, CO 2001; ND, Southwest College of Naturopathic Medicine, 2008.

Larke, Daniel, ND; MBA, International Business, University of Dallas, Irvin, 1993; ND, Southwest College of Naturopathic Medicine, 2010.

Lewis, Danielle, ND; BS, Health Science/Management, Old Dominion University, 1999; ND, Southwest College of Naturopathic Medicine, 2013.

Livingood, Elizabeth, ND; BS, Zoology, Arizona State University, 1992; MA, Education, University of Phoenix; ND, Southwest College of Naturopathic Medicine, 2015.

MacKay-Timmermans, Drew, ND; BS, Kinesiology, University of Western Ontario, CA; ND, Southwest College of Naturopathic Medicine, 2017.

Magerus, Tracy, ND; BA, Exercise and Wellness, Arizona State University, 2004; ND, Southwest College of Naturopathic Medicine, 2009.

Marchese, Marianne, ND; BS, Occupational Therapy, Creighton University, 1990; ND, National College of Naturopathic Medicine, 2002.

Moore, Brandi, ND; BA, Public Relations, University of Texas at Arlington, 2010; ND, Southwest College of Naturopathic Medicine, 2016.

Mundt, Jennifer, ND; BA, Biology, University of Minnesota, 2000; ND, Southwest College of Naturopathic Medicine, 2009.

Oskin, Jamie, ND; BA, Business Administration, The College of William and Mary, 2003; ND, Southwest College of Naturopathic Medicine, 2008.

Pantermuehl, Jessica, NTP, CHHC; NTP, Nutrition Therapy Practitioner, Nutritional Therapy Association, 2015; CHHC, Certified Holistic Health Counseling, American Association of Drugless Practitioners, 2012.

Paulson, Heather, ND; BS, Aquatic Biology, University of California, Santa Barbara, 2000; ND Southwest College of Naturopathic Medicine, 2007.

Purvis, Kathryn, ND; BA, Psychology, Biology, Manhattanville College, 2009; ND, Southwest College of Naturopathic Medicine, 2015.

Retz, Michelle, ND; BS, Biological Science, Ohio State University, Columbus, OH, 2004; ND, Southwest College of Naturopathic Medicine, 2010.

Rodriguez, Arianna Odessa, ND; BS, Biological Science, Arizona State University, 2010; ND, Southwest College of Naturopathic Medicine, 2017.

Ruiz, Guillermo, ND; BS, Medical Science, University of Central Florida, 2009; ND, Southwest College of Naturopathic Medicine, 2017.

Sanchez, JoAnn, BS; BS, Forestry & Wildlife Management, University of Rhode Island, 1981.

Sherlin, Leslie, PhD; BS, Psychology, University of Tennessee, 2000; MS, Psychology, Capella University, 2003; PhD, Psychology, Capella University, 2008.

Shokoohinia, Yalda, PharmD, PhD; Professor of Pharmacognosy and Phytochemistry; Pharm D, Pharmacy, Isfahan University of Medical Sciences, Isfahan, Iran, 2005; PhD, Pharmacognosy, Isfahan University of Medical Sciences, Isfahan, Iran, 2010; Fellowship in Phytochemistry, Eastern University of Piedmont, Novara, Italy, 2009; Fellowship in Medicinal Plants Analysis, The University of Mississippi, Oxford, MS, USA, 2017.

Short, Daniel, PhD; BA, Psychology, McMurry University, 1990; MS, University of North Texas, 1993; PhD, Counseling Psychology, University of Massachusetts, Amherst, 2000.

Stone, Sarah, ND; BS, Psychology, University of South Florida, 2011; ND, Southwest College of Naturopathic Medicine, 2015

Swan, Farra, ND; BS, Biology, Tufts University, 1969; MS, Tufts University, 1971; ND, Bastyr University, 1982.

Tabares, Amber, ND; BA, Biology, University of Missouri, 2004; MBA, Healthcare, American Intercontinental University, 2006; ND, Southwest College of Naturopathic Medicine, 2012.

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Tenborg, Mark P, ND; BS, Botany, Weber State University, 1991; MPH, Northern Arizona University, 1995; ND, Southwest College of Naturopathic Medicine, 2004.

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Vedeler, Christopher, LAc; BA, Philosophy, New Mexico State University, 1998; MS, Oriental Medicine, Southwest Acupuncture College, 2004.

Wheeler, Miriam, ND; BS, Nutritional Sciences, University of Arizona, 2010; ND, Southwest College of Naturopathic Medicine, 2014.

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Adjunct Research Faculty

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Honorary Faculty

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Eizayaga, Francsico, MD; University of Salvador, Buenos Aires, Argentina; PhD, Mainondies University, Buenos Aires, Argentina.

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Index

Physicians

Field Observation and Elective Offsite Physicians

- Agarwal, Rajeev, MD;** AIIMS, 1991.
- Ahluwalia, Seema, MD;** Punjab Medical College, 1990.
- Alexander, Amanda, ND;** Southwest College of Naturopathic Medicine, 2012.
- Allen, Jason, ND;** Southwest College of Naturopathic Medicine, 2014
- Arneson, David, NMD;** Southwest College of Naturopathic Medicine, 2000.
- Asin, Gerald, MD;** University of Oklahoma College of Medicine, 1987.
- Austin, Jason, DC;** Parker University, 2012.
- Averitte, Jr, Richard, MD;** University Toledo College of Medicine, 1998.
- Bagnasco, Terri, MD;** State University of New York Medical Center College of Medicine, 1992; ND, Southwest College of Naturopathic Medicine, 2019.
- Bain, Jaclyn, ND;** Southwest College of Naturopathic Medicine, 2013.
- Baral, Matthew, ND;** Bastyr University, 2000.
- Barrantes, Teresita, NMD;** Southwest College of Naturopathic Medicine, 2011.
- Beeson, Margaret, ND;** Bastyr University, 1989.
- Beitel, Sue Rosario, NMD;** Southwest College of Naturopathic Medicine, 2013.
- Benchouk, Stephen, NMD;** Southwest College of Naturopathic Medicine, 2012.
- Bennett, Bobbie, DC;** Northwestern Health Sciences University, 2005.
- Beran, Jeffrey, PT, DPT, ATC;** A.T. Still University, 2006.
- Berkner, Kris, NMD;** Southwest College of Naturopathic Medicine, 2009.
- Bethel, Klee, MD;** Creighton University School of Medicine, 1986.
- Bishop, Kristen, NMD;** Southwest College of Naturopathic Medicine, 2009.
- Borsa, Robin, NMD;** Southwest College of Naturopathic Medicine, 2003.
- Bos, Willem, DC;** Northwestern Health Sciences University, 1999.
- Boyer, Veronica, NMD;** Southwest College of Naturopathic Medicine, 2003.
- Bradford, Alan, ND;** Southwest College of Naturopathic Medicine, 2015.
- Brouwer, Lauri, NMD;** Southwest College of Naturopathic Medicine, 1996.
- Butler, Lisa, DDS;** Arizona School of Dentistry and Oral Health, 2009.
- Cain, Nicole, ND;** Southwest College of Naturopathic Medicine, 2011.
- Cameron, Brent, ND;** Southwest College of Naturopathic Medicine, 2011.
- Caravone, Kimberly, NMD;** Southwest College of Naturopathic Medicine, 2010.
- Carpenter, Rebecca, NMD;** Southwest College of Naturopathic Medicine, 2001.
- Ceballos-Logan, Gladys, NMD;** Southwest College of Naturopathic Medicine, 2002.
- Christianson, Alan, NMD;** Southwest College of Naturopathic Medicine, 1996.
- Chambers, Keith, NMD;** Southwest College of Naturopathic Medicine, 2009.
- Cicerone, Aliza, ND;** National University of Naturopathic Medicine, 2010.
- Clary, Andrew, PT, ATC;** University of Saint Augustine for Health Sciences, 1998.
- Coats, Melissa, ND;** Southwest College of Naturopathic Medicine, 2008.
- Cohen, Joel, MD;** New York Medical College, 1987.
- Correia, Kirstin, NMD;** Southwest College of Naturopathic Medicine, 2011.
- Cramer, David, NMD;** MBA, Southwest College of Naturopathic Medicine, 2006.
- Cronin, Courtney, ND;** Southwest College of Naturopathic Medicine, 2006.
- Cronin, Michael, ND;** National University of Naturopathic Medicine, 1980.
- Cronin, Kyle, ND;** National University of Naturopathic Medicine, 1981.
- Crowder, Terrence, MD;** University of Arkansas Medical School, 2003.
- Darragh, Angela, NMD;** Southwest College of Naturopathic Medicine, 2011.
- Davenport, Emily, NMD;** Southwest College of Naturopathic Medicine, 2008.
- Deal, Sheldon, ND;** Bastyr University, 1991.
- De La Torre Hogan, Elizabeth, NMD;** Southwest College of Naturopathic Medicine, 2015.
- Dearth, Donald, DC;** Palmer College of Chiropractic, 1987.
- DiCampli, Jesika, NMD, CPM;** Southwest College of Naturopathic Medicine, 2006.
- Dye, Jennifer, NMD;** Bastyr University, 2007.
- Eischens, Shwna, ND;** Southwest College of Naturopathic Medicine, 2012.
- Fontius, Jennifer, MD;** University of California, California College of Medicine, 1999.
- Fountis, Sophia, DO;** Ohio University College of Osteopathic Medicine, 1989.
- Fox, Jonathan, MD;** University of Nebraska College of Medicine, 1979.
- Franco, Nilda, MD;** St. Mathews University, 2008.

Index

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- Fuji, Kristen, NMD**; Southwest College of Naturopathic Medicine, 2009.
- Gaitan, Paul, MD**; University of Rochester School of Medicine, 2001.
- Geary, Rosemary, MD**; University of Arizona College of Medicine, 1994.
- Gentry, Jennifer, NMD**; Southwest College of Naturopathic Medicine, 2006.
- Geyer, MaryK, ND**; Southwest College of Naturopathic Medicine, 2007.
- Glick, Ronald, DO**; University of Osteopathic medicine and Health Sciences, 1983.
- Godman, Susan, NMD**; Southwest College of Naturopathic Medicine, 1999.
- Goldhamer, Alan, DC**; Western States Chiropractic College, 1983.
- Gorman, Julie, NMD, LAc**; Southwest College of Naturopathic Medicine, 2001.
- Grahe-Keel, Julie, DC**; Palmer College of Chiropractic, 2000.
- Grobe, Denise, ND**; Southwest College of Naturopathic Medicine, 2004.
- Gross, Anthony, DC**; New York Chiropractic College, 1999.
- Grout, Martha, MD**; (H), Medical College of Pennsylvania, 1971.
- Ham, Natalie, NMD**; Southwest College of Naturopathic Medicine, 2007.
- Hamilton, Cheryl, ND**; Southwest College of Naturopathic Medicine, 2012.
- Harris, Brecken, NMD**; Southwest College of Naturopathic Medicine, 2013.
- Hassberger, Kelly, ND**; Southwest College of Naturopathic Medicine, 2011.
- Hayman, Jessica, NMD**; Southwest College of Naturopathic Medicine, 2010.
- Heath, Dianna, NMD**; Southwest College of Naturopathic Medicine, 2009.
- Heffner, Karlee, NMD**; Southwest College of Naturopathic Medicine, 2008.
- Henthorn, Patricia, DC**; Palmer College of Chiropractic West, 1996.
- Hernandez, Matthew, NMD**; Southwest College of Naturopathic Medicine, 2014.
- Hinojosa, Judy, NMD**; Southwest College of Naturopathic Medicine, 2008.
- Hirons, Kami, ND**; Southwest College of Naturopathic Medicine, 2007.
- Hobi, Annette, ND**; Southwest College of Naturopathic Medicine, 2015.
- Hoffman, Jordan, NMD**; Southwest College of Naturopathic Medicine, 2012.
- Inouye, Vance, NMD**; Southwest College of Naturopathic Medicine, 1997.
- Jensen, Jason, NMD**; Southwest College of Naturopathic Medicine, 2007.
- Kasdorf, Cheryl, ND**; National College of Naturopathic Medicine, 1998.
- Katz, Steven, NMD**; Southwest College of Naturopathic Medicine, 2013.
- Keaton, Dana, ND, LAc**; National College of Naturopathic Medicine, 1989.
- Kellman, Daniel, ND**; FABNO, Southwest College of Naturopathic Medicine, 1998.
- Kim, Cho Long, NMD**; Southwest College of Naturopathic Medicine, 2008.
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- Kooima, Jessica, NMD**; Southwest College of Naturopathic Medicine, 2013.
- Kovalik, Christina, NMD, LAc**; Southwest College of Naturopathic Medicine, 2003.
- Kupperman, Jamie, ND**; Southwest College of Naturopathic Medicine, 2003.
- Lawrence, Beverly, LAc**; Phoenix Institute of Herbal Medicine and Acupuncture, 2005.
- Leff, Michael, DC**; Palmer College of Chiropractic West, 1998.
- Le Provost, Jean-Luc, NMD**; Southwest College of Naturopathic Medicine, 2009.
- Lewis, Danielle, ND**; Southwest College of Naturopathic Medicine, 2013.
- Lioce, Luca, ND**; Southwest College of Naturopathic Medicine, 2013.
- Logan, Gladys, ND**; Southwest College of Naturopathic Medicine, 2002.
- Lovick, Ann, NMD**; Southwest College of Naturopathic Medicine, 2007.
- Lussier, Spice, NMD**; Southwest College of Naturopathic Medicine, 2006.
- Magerus, Tracy, NMD**; Southwest College of Naturopathic Medicine, 2009.
- Malgrew, Juliette, ND**; Bastyr University, 2015.
- Mathias, Ron, ND**; Southwest College of Naturopathic Medicine, 2015.
- Mayer, Alexandra, ND**; Southwest College of Naturopathic Medicine, 2014.
- McCarthy, Brendan, NMD**; Southwest College of Naturopathic Medicine, 2006.
- McConnell, Michelle, NMD**; Southwest College of Naturopathic Medicine, 2014.
- McGee, Heather, NMD**; National College of Naturopathic Medicine, 2014.

Index

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Miller, Rebecca, ND; Southwest College of Naturopathic Medicine, 2010.

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Mittman, Arie, NMD; Southwest College of Naturopathic Medicine, 2016.

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Murphy, Jonathan, MD; West Virginia School of Medicine, 1985.

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Popiel, Brian, NMD; Bastyr University, 2002.

Porter, Jason, NMD; Southwest College of Naturopathic Medicine, 2003.

Proefrock, Kenneth, ND; Southwest College of Naturopathic Medicine, 1996.

Rao, Santosh, MD; University of Michigan Medical School, 2000.

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Rittling, Carrie, NMD; Southwest College of Naturopathic Medicine, 2007.

Robinson, Jeffrey, DC; Southern California University of Health Sciences, 2001.

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Romero, Kelly, ND; Southwest College of Naturopathic Medicine, 2016.

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Sabal, Antonio, MD; University of Santo Tomas of Medicine and Surgery, 1961.

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Shaw, Ann, ND; Southwest College of Naturopathic Medicine, 2014.

Simonson, Xan, NMD; Southwest College of Naturopathic Medicine, 2015.

Sina, Shaida, NMD; Southwest College of Naturopathic Medicine, 2001

Skubisz, Corey, NMD; Southwest College of Naturopathic Medicine, 2011.

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Stefanski, Jessica, ND, Mac; National University of Naturopathic Medicine, 2014.

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Teames, Russell, DC; Carrick Institute of Graduate Studies, 2013.

Tellier, Krystal, ND, CPM; Southwest College of Naturopathic Medicine, 2009.

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Thoma, John, DC; Life University, 2011.

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Wells, Wendy, NMD; Southwest College of Naturopathic Medicine, 2007.

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