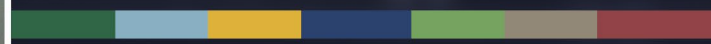




SCNM
Simply inspiring™

2016 - 2017
ADDENDUM
CATALOG





SOUTHWEST COLLEGE OF
NATUROPATHIC MEDICINE
& HEALTH SCIENCES

**Southwest College of Naturopathic
Medicine & Health Sciences**

2140 E. Broadway Road, Tempe, AZ 85282
Phone: 480.858.9100 | Fax: 480.858.9116
www.scnm.edu | admissions@scnm.edu

SCNM Pain Relief Center

2152 E. Broadway Road, Tempe, AZ 85282
Phone: 480.222.9300 | Fax 480.222.9341

SCNM Medicinary

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Phone: 480.970.0001 | Fax: 480.970.1660

SCNM Medical Center

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Editor: Pauline Caporaletti

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This document is an addendum to SCNM's 2016–2017 Course Catalog. The 2016–2017 Catalog Addendum is provided to current students who entered SCNM prior to Fall 2014. SCNM reserves the right to make changes to the information set forth in this publication. SCNM will communicate those changes with reasonable notice to interested parties. While every effort is made to ensure the accuracy of the information available at the time the copy is prepared for this catalog, SCNM does not guarantee its accuracy. Students are responsible for understanding and complying with all policies and procedures contained in the most recent catalog and in other publications distributed by SCNM. A student's course of study is guided by the curriculum published in this addendum. Information, programs, and requirements are subject to change without notice at the discretion of the administration. SCNM reserves the right to change terms and conditions of this catalog at any time. This addendum is effective October 10, 2016.

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

SCNM does not discriminate on the basis of race, disability, sex, religion, age, national or ethnic origin, sexual orientation, or marital status in the administration of educational policies, admission policies, financial aid, employment, or any other program or activity.

TABLE OF CONTENTS

02

PURPOSE

03

GENERAL COLLEGE INFORMATION
and RESOURCES

05

ACADEMIC PROGRAM

11

ACADEMIC DEPARTMENTS and COURSE
DESCRIPTIONS

16

ACADEMIC POLICIES

19

INDEX

PURPOSE

PURPOSE

The 2016–2017 Catalog Addendum applies to current students who entered SCNM prior to Fall 2014. Within the Addendum, students will find information pertinent to their successful completion of the program of study for the Doctor of Naturopathic Medicine Degree.

The following information is included:

1. 2016-2017 Academic Calendar
2. Program of Study (POS) for students who entered SCNM prior to Fall 2014.
3. Course descriptions for the courses remaining in the POS
4. Policies and procedures that supersede those in the 2016–2017 catalog

GENERAL COLLEGE INFORMATION & RESOURCES

2016 - 2017 ACADEMIC CALENDAR

Fall Quarter 2016/2017

Oct. 3 - 7	New Student Orientation/ Natural Advantage
Oct 10	Fall Classes Begin
Oct 14	Last day to pay tuition & fees
Oct 10 - 21	Add/Drop Didactic Courses (SEE CATALOG)
Nov 11	Mid Quarter (end week 5)
Nov 14 - 18	Winter Quarter Registration
Nov 24 - 25	Thanksgiving Recess - College/MC Closed
Dec 19 - 22	Final Exams
Dec 22	End of Fall Quarter
Dec 23 - Jan 6	Student Recess - Didactic Only
Dec 23 - 26	College / Medical Center Closed
Dec 30 - Jan 2	
Dec 28	Final Grades Due
Dec 27 - Jan 6	Clinic Rotations (Break - Schedule Varies)

Winter Quarter 2016/2017

Jan 9	Winter Classes Begin
Jan 13	Last day to pay tuition & fees
Jan 9 - 20	Add/Drop Didactic Courses (SEE CATALOG)
Jan 16	Martin Luther King - College / MC Closed
Feb 7	NPLEX Basic Science Exam* (See Qtr 8 schedule- below)
Feb 8 - 10	NPLEX Clinical Science Exam
Feb 10	Mid Quarter (end week 5)
Feb 17	Qtr 8 - Mid Quarter (end week 5)
Feb 20 - 24	Spring Quarter Registration
March 20 - 24	Final Exams
March 27 - 31	Qtr 8 - Final Exams
March 27 - Apr 7	Student Recess - Didactic Only
April 3 - 7	Qtr 8 Student Recess
March 29	Final Grades Due
April 5	Qtr - 8 Final Grades Due
March 27 - 31	Clinic Rotations (Break Wk1)
April 4 - 7	Clinic Rotations (Break Wk2)

Spring Quarter 2016/2017

April 3 - 7	New Student Orientation/Natural Advantage
April 10	Spring Classes Begin
April 14	Last day to pay tuition & fees
April 10 - 21	Add/Drop Didactic Courses (SEE CATALOG)
May 12	Mid Quarter (end week 5)
May 29	Memorial Day - College/MC Closed
May 22 - 26	Summer Quarter Registration
June 19 - 23	Final Exams
June 24	End of Spring Quarter
June 24	Graduation Ceremony
July 4	Independence Day - College/MC Closed
June 26 - July 7	Student Recess - Didactic Only
June 28	Final Grades Due
June 26 - 30	Clinic Rotations (Break Wk1)
July 3 - 7	Clinic Rotations (Break Wk2)

Summer Quarter 2016/2017

July 10	Summer Classes Begin
July 14	Last day to pay tuition & fees
July 10 - July 21	Add/Drop Didactic Courses (SEE CATALOG)
Aug 1	NPLEX Basic Science Exam
Aug 2 - 4	NPLEX Clinical Science Exam
Aug 11	Mid Quarter (end week 5)
Aug 21 - 25	Fall Quarter Registration

Sept 4	Labor Day - College/MC Closed
Sept 18 - 22	Final Exams
Sept 23	End of Summer Quarter
Sept 25 - Oct 6	Student Recess - Didactic Only
Sept 27	Final Grades Due
Sept 25 - 29	Clinic Rotations (Break Wk1)
Oct 2 - 6	Clinic Rotations (Break Wk1)

NPLEX Examination Dates for 2017

February 7, 2017	Biomedical Science Exams
February 8 - 10, 2017	Clinical Science Exams
August 1, 2017	Biomedical Science Exams
August 2 - 4, 2017	Clinical Science Exams

OVERSIGHT

Academic Accreditation

The Arizona State Board of Private Postsecondary Education granted a license to SCNM as a degree-granting institution in April 1993. SCNM is also accredited by the Council on Naturopathic Medical Education (CNME), a professional accrediting agency for naturopathic medicine programs. A copy of the CNME Handbook for Accreditation for Naturopathic Medical Colleges and Programs is available in the College Library. SCNM is also accredited by the Higher Learning Commission (HLC).

For additional information, please contact:

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

Licensure

At the time of this printing, 18 states, the District of Columbia, the US territories of Puerto Rico, and the US 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 Medical 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.

GENERAL COLLEGE INFORMATION & RESOURCES

For more information about licensure in Arizona, contact:

Arizona Naturopathic Physicians Medical Board
1400 W. Washington, Suite 230, 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)
818 18th Street NW, Suite 250 Washington, DC 20006
Toll free: 1-866-538-2297 • www.naturopathic.org

For more information about licensure in Canada, contact:

Canadian Association of Naturopathic Doctors (CAND)
20 Holly St., Ste. 200 Toronto, Ontario, CAN M4S 3B1
Tel: (416) 496-8633 • 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) 778-7990 • www.nabne.org

ACADEMIC PROGRAM

PROGRAM OF STUDY

The Doctor of Naturopathic Medicine program is designed to be completed in four calendar years. The program meets or exceeds the minimum required credit/clock hours of instruction set by the Council on Naturopathic Medical Education (CNME). For the purposes of financial aid, an academic year is a sequence of a minimum of three quarters. A calendar year, different than the academic year, is four quarters.

FIRST CALENDAR YEAR

The first calendar year (quarters 1-3) begins with the basic medical science curriculum in the study of normal structures and functions of the body, including anatomy, physiology, and biochemistry. This material is organized by systems and taught in an integrative block. Courses in 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.

SECOND CALENDAR YEAR

The second calendar year (quarters 4-7) 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 research and the naturopathic modalities such as nutrition, mind-body medicine, homeopathy, and Oriental medicine are explored during the second year.

THIRD AND FOURTH CALENDAR YEARS

In the final two calendar years (quarters 8-14), clinical methods of naturopathic medicine are presented and expanded both in the classroom and the clinical setting. Students have the opportunity to work with various patient populations at the SCNM Medical Center and the College's ten community clinics. In the final academic year of the program, students concentrate on clinical training and take fewer didactic credits.

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 ten students is required before the selective will be offered (see Adding & Dropping Courses; p.42 in Course Catalog). For a list of potential selectives, please see Course Descriptions beginning on p. 12.

ACADEMIC PROGRAM - POS

STUDENTS ENTERING FALL AND WINTER 2013-2014, GRADUATING SPRING 2016-2017

COURSE #	YEAR ONE QUARTER 1 (FALL 2013-2014/Winter 2013-2014)	CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
		CLINIC	LAB	DIDACTIC		
CLPR 5010	Introd to Clinical Practice I ¹	24			24	4.0
CLPR 5010L	Introd to Clinical Practice Skills Lab I ¹	24			24	
HUBI 5010	Human Biology 1			180	180	21.0
HUBI 5010L	Human Biology Lab I**		48		48	
HUBI 5010A	Human Biology Applications I**			24	24	
NTMD 5010	Philosophical & Histor. Foundations of Naturopathic Medicine			24	24	2
YEAR ONE QUARTER 1 TOTALS		48	48	228	324	27.0
COURSE #	YEAR ONE QUARTER 2	CLINIC	LAB	DIDACTIC		
CLPR 5020	Introduction to Clinical Practice II ¹	24			24	4.0
CLPR 5020L	Introduction to Clin. Prac. Skills Lab II* ¹	24			24	
HUBI 5020	Human Biology II			180	180	21.0
HUBI 5020L	Human Biology Lab II**		48		48	
HUBI 5020A	Human Biology Applications II**			24	24	
NTMD 5020	Philosophical & Histor. Foundations of Naturopathic Medicine II			24	24	2
YEAR ONE QUARTER 2 TOTALS		48	48	228	324	27.0
COURSE #	YEAR ONE QUARTER 3	CLINIC	LAB	DIDACTIC		
CLPR 5030	Introduction to Clinical Practice III ¹	24			24	4.0
CLPR 5030L	Introduction to Clin. Prac. Skills Lab III* ¹	24			24	
HUBI 5030	Human Biology III			180	180	23.0
HUBI 5030L	Human Biology Lab III**		72		72	
HUBI 5030A	Human Biology Applications III**			24	24	
NTMD 5030	Philosophical & Histor. Foundations of Naturopathic Medicine III			24	24	2
YEAR ONE QUARTER 3 TOTALS		48	72	228	348	29.0
GRAND TOTALS YEAR ONE		144	168	684	996	83.0
COURSE #	YEAR 1 SUMMER (OPTIONAL [†]) (SUMMER 2013-2014)	CLINIC	LAB	DIDACTIC		
TBD	Didactic Selectives			72	72	6.0
CLTR 6600	Lab Posts ¹	12			12	1.0
CLTR 6700	Medicinary Posts ¹	12			12	1.0
CLTR 6000	Field Observation ²	60			60	5.0
YEAR 1 SUMMER TOTALS		84	0	72	156	13.0

[†]Students who entered in the fall may elect to attend the Year 1 Summer Quarter.

¹These hours do not count toward the 1200 clock hrs. of clinical training required by CNME.

²These hours count toward the 1200 clock hours of clinical training required by CNME.

*Lab credit hours are included in each Intro. To Clinical Practice Course

**Lab and Applications credit hours are included in each Human Biology course.

ACADEMIC PROGRAM - POS

PROGRAM OF STUDY - YEAR TWO

COURSE #	YEAR TWO QUARTER 4 (FALL 2014-2015)	CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
		CLINIC	LAB	DIDACTIC		
GNMD 6010	General Medical Diagnosis I			120	120	10.0
CLPR 6040	Clinical Practice I1	24			24	4.0
CLPR 6040L	Clinical Practice Skills Lab I*1	24			24	
ENVM 6010	Environmental Medicine I & II			30	30	2.5
ENVM 6010L	Environmental Medicine Lab		18		18	1.5
PSYC 6010	Mind-Body Medicine I			24	24	2.0
MNGT 6010	Practice Management I			12	12	1.0
OMND 6010	Oriental Medicine I			30	30	2.5
PHAR 6010	Pharmacology I			36	36	3.0
PHMD 6010	Physical Medicine I			12	12	1.0
PHMD 6010L	Physical Medicine Lab I		12		12	1.0
YEAR TWO QUARTER 4 TOTALS		48	30	264	342	28.5

COURSE #	YEAR TWO QUARTER 5 (Winter 2014-2015)	CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
		CLINIC	LAB	DIDACTIC		
GNMD 6020	General Medical Diagnosis II			120	120	10.0
CLPR 6050	Clinical Practice II ¹	24			24	4.0
CLPR 6050L	Clinical Practice Skills Lab II* ¹	24			24	
BOTM 6010	Botanical Medicine I			24	24	2.0
NUTR 6010	Nutrition I			24	24	2.0
OMND 6020	Oriental Medicine II			30	30	2.5
PHAR 6020	Pharmacology II			36	36	3.0
PHMD 6020	Physical Medicine II			24	24	2.0
PHMD 6020L	Physical Medicine Lab II		24		24	2.0
YEAR TWO QUARTER 5 TOTALS		48	24	258	330	27.5

COURSE #	YEAR TWO QUARTER 6 (Spring 2014-2015)	CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
		CLINIC	LAB	DIDACTIC		
GNMD 6030	General Medical Diagnosis III			120	120	10.0
BOTM 6020L	Botanical Medicine Lab II**		24		24	2.0
CLPR 6060	Clinical Practice III ¹	24			24	4.0
CLPR 6060L	Clinical Practice Skills Lab III* ¹	24			24	
HMEO 6010	Homeopathy I			24	24	2.0
NUTR 6020	Nutrition II			30	30	2.5
OMND 6030	Oriental Medicine III			18	18	1.5
OMND 6030L	Oriental Medicine Lab III		12		12	1.0
PHAR 6030	Pharmacology III			24	24	2.0
PHMD 6030	Physical Medicine III			24	24	2.0
PHMD 6030L	Physical Medicine Lab III		24		24	2.0
CLTR 4300	Clinical Entry Preparation1	12			12	1.0
YEAR TWO QUARTER 6 TOTALS		60	60	240	360	30.0

ACADEMIC PROGRAM - POS

PROGRAM OF STUDY - YEAR TWO (CONT.)

COURSE #	YEAR TWO QUARTER 7 (Summer 2014-2015)	CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
		CLINIC	LAB	DIDACTIC		
GNMP 6010	General Medical Practice I: Psychiatric Cond.			12	12	1.0
GNMP 6011	General Medical Practice I: Dermatology			12	12	1.0
GNMP 6012	General Medical Practice I: EENT			18	18	1.5
PSYC 6020	Mind-Body Medicine II			12	12	1.0
OMND 6040	Oriental Medicine IV			18	18	1.5
OMND 6040L	Oriental Medicine Lab IV		12		12	1.0
PHMD 6040	Physical Medicine IV			12	12	1.0
PHMD 6040L	Physical Medicine Lab IV		12		12	1.0
TBD	Didactic Selectives***			72	72	6.0
CLTR 6600	Lab Posts**** ¹	12			12	1.0
CLTR 6700	Medicinary Posts**** ¹	12			12	1.0
CLTR 6000	Field Observation ²	60			60	5.0
YEAR TWO QUARTER 7 TOTALS		84	24	156	264	22.0
GRAND TOTALS YEAR TWO		240	138	918	1296	108.0

*Lab credit hours are included in each Clinical Practice course.

**Botanical Medicine Lab II must be taken in Qtr. 6 or 7

***The 12 total credit hours of didactic selectives may be taken in Qtrs. 4-14.

****Lab and Medicinary Posts may be taken after Qtr. 3.

¹These hours do not count toward the 1200 clock hours of clinical training required by CNME.

²These hours count toward the 1200 clock hours of clinical training required by CNME.

PROGRAM OF STUDY - YEAR THREE

COURSE #	YEAR THREE QUARTER 8 (FALL 2015-2016)	CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
		CLINIC	LAB	DIDACTIC		
BOTM 7030	Botanical Medicine III			24	24	2.0
GNMP 7020	General Medical Practice II: Gastroenterology			30	30	2.5
GYNE 7010	Gynecology I			36	36	3.0
HMEO 7020	Homeopathy II			24	24	2.0
NUTR 7030	Nutrition III			30	30	2.5
OMND 7050	Oriental Medicine V			42	42	3.5
OMND 7060	Oriental Medicine VI			6	6	0.5
OMND 7060L	Oriental Medicine Lab VI		12		12	1.0
PHMD 7050	Physical Medicine V			12	12	1.0
PHMD 7050L	Physical Medicine Lab V		12		12	1.0
CLTR 7000	Clinical Clerkships (2) ¹	88			88	7.4
YEAR THREE QUARTER 8 TOTALS		88	24	204	316	26.4
COURSE #	YEAR THREE QUARTER 9 (Winter 2015-2016)	CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
		CLINIC	LAB	DIDACTIC		
BOTM 7040	Botanical Medicine IV			24	24	2.0
GNMP 7030	General Medical Practice III: Endocrinology			30	30	2.5
GNMP 7031	General Medical Practice III: Hematology			12	12	1.0
GYNE 7020L	Gynecology I Lab*		24		24	2.0
HMEO 7030	Homeopathy III			24	24	2.0
MNGT 7020	Practice Management II			12	12	1.0
NUTR 7040	Nutrition IV			12	12	1.0
OBST 7010	Obstetrics			30	30	2.5
OMND 7070	Oriental Medicine VII			24	24	2.0
MSRG 7010	Minor Surgery I			12	12	1.0
MSRG 7010L	Minor Surgery I Lab		12		12	1.0
CLTR 7000	Clinical Clerkships (2) ¹	88			88	7.4
YEAR THREE QUARTER 9 TOTALS		88	36	180	304	25.4

ACADEMIC PROGRAM - POS

PROGRAM OF STUDY - YEAR THREE (CONT.)

COURSE #	YEAR 3 QUARTER 10 (Spring 2015-2016)	CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
		CLINIC	LAB	DIDACTIC		
BOTM 7050	Botanical Medicine V			24	24	2.0
GNMP 7040	General Medical Practice IV: Cardio./Vasc. Med.			18	18	1.5
GNMP 7041	General Medical Practice IV: Pulmonology			18	18	1.5
HMEO 7040	Homeopathy IV			24	24	2.0
MNGT 7030	Practice Management III			12	12	1.0
NUTR 7050	Nutrition V			24	24	2.0
PSYC 7030	Mind-Body Medicine III			18	18	1.5
OMND 7080	Oriental Medicine VIII			18	18	1.5
PEDS 7010	Pediatrics I			24	24	2.0
CLTR 7000	Clinical Clerkships (3) ¹	136			136	11.4
CLTR 4500	Primary Status Exam ²	12			12	1.0
YEAR THREE QUARTER 10 TOTALS		148	0	180	328	27.4
COURSE #	YEAR 3 QUARTER 11 (Summer 2015-2016)	CLINIC	LAB	DIDACTIC		
CLTR 7000	Clinical Clerkships (5) ¹	220		72	220	18.5
CLTR 6000	Break Rotations	24	0		24	2.0
TBD	Didactic Selectives**			72	72	6.0
YEAR THREE QUARTER 11 TOTALS		244			316	26.5
GRAND TOTALS YEAR THREE		568	60	636	1264	105.7

*Gynecology I Lab may be taken in Qtr. 9, 10, or 11.

**The 12 total credit hours of didactic selectives may be taken in Qtrs. 4-14.

¹These hours count toward the 1200 clock hours of clinical training required by CNME.

²These hours do not count toward the 1200 clock hours of clinical training required by CNME.

ACADEMIC PROGRAM - POS

PROGRAM OF STUDY - YEAR FOUR

COURSE #	YEAR FOUR QUARTER 12 (Fall 2016-2017)	CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
		CLINIC	LAB	DIDACTIC		
GNMP 8050	General Medical Practice V: Rheumatology			24	24	2.0
GNMP 8051	General Medical Practice V: Muscul/Ortho			12	12	1.0
PEDS 8020	Pediatrics II			24	24	2.0
PSYC 8040	Mind-Body Medicine IV			18	18	1.5
CLTR 8000	Clinical Clerkships (5) ¹	220			220	18.5
YEAR FOUR QUARTER 12 TOTALS		220	0	78	298	25
COURSE #	YEAR FOUR QUARTER 13 (Winter 2016-2017)	CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
		CLINIC	LAB	DIDACTIC		
ERMD 8010	Emergency Medicine I			24	24	2
GNMP 8060	General Medical Practice VI: Neurology			24	24	2
GNMP 8061	General Medical Practice VI: Oncology			18	18	1.5
MSRG 8020	Minor Surgery II			12	12	1
MSRG 8020L	Minor Surgery Lab II				12	1
CLTR 4900	Clinical Exit Exam	12	12		12	1.0
CLTR 8000	Clinical Clerkships (5) ¹	220			220	18.5
YEAR FOUR QUARTER 13 TOTALS		232	12	78	322	27
COURSE #	YEAR FOUR QUARTER 14 (Spring 2016-2017)	CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
		CLINIC	LAB	DIDACTIC		
ERMD 8020	Emergency Medicine II			24	24	2.0
GNMP 8070	General Medical Practice VII: Urology/Kidn			18	18	1.5
GNMP 8071	General Medical Practice VII: Geriatrics			12	12	1.0
MNGT 8040	Practice Management IV			12	12	1.0
CLTR 8000	Clinical Clerkships (5)	220			220	18.5
YEAR FOUR QUARTER 14 TOTALS		220	0	66	286	24
GRAND TOTALS YEAR FOUR		672	12	222	906	76

¹These hours count toward the 1200 clock hours of clinical training required by CNME.

²These hours do not count toward the 1200 clock hours of clinical training required by CNME.

	CONTACT HOURS			TOTAL CONTACT HOURS	TOTAL CREDIT HOURS
	CLINIC	LAB	DIDACTIC		
GRAND TOTALS ALL FOUR YEARS	1624	378	2460	4462	372

ACADEMIC DEPARTMENTS & COURSE DESCRIPTIONS

ACADEMIC DEPARTMENTS

DEPARTMENT OF PRE-CLINICAL STUDIES

Department Chair: Jaclyn Bain, ND

The courses in the Department of Pre-Clinical Studies focus 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 each of the four clinical milestone examinations.

DIVISION OF COMMUNITY MEDICINE

Division Director: Sean Hesler, ND

The Division of Community Medicine offers clerkships at nine community clinics throughout the Phoenix-Metro area where SCNM faculty members supervise clinical interns in the diagnosis and treatment of patients at these clinics. Students practice care and management of the health needs of underserved and diverse patient populations.

DIVISION OF HUMAN STUDIES

Division Director: Roger Dilts, PhD

Department of Basic Medical Sciences

Interim Department Chair: Roger Dilts, PhD

The courses in the Department of Basic Medical Sciences focus on principles and concepts relative to the structure and functions of the human body. Didactic courses and labs integrate anatomy, embryology, biochemistry, 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 courses in the Department of General Medicine emphasize 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 Special Populations

Department Chair: Katrina Stage, ND, RH (AHG)

The Department of Special Populations provides coursework that focuses on geriatrics, men's and women's health, obstetrics, and pediatrics.

Department of Research

Department Chair: Jeffrey Langland, Ph.D.

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 RSCH 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

In the Department of Acupuncture and Oriental Medicine, students are trained to practice safely and competently while providing 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 Physical Medicine

Department Chair: Nick Buratovich, NMD

The courses in the Department of Physical Medicine focus 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.

Department of Botanical Medicine and Nutrition

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

The Department of Botanical Medicine and Nutrition directs the study of nutrition and utilizing plants as medicine. Courses are offered in several venues—the field, laboratory, and classroom—and focus on historical use of plants as medicine, current research, pharmacognosy, clinical application of knowledge, and case analysis and management. In accordance with the philosophy of naturopathic medicine, emphasis is not only on the study of botanical medicine, but also on how combinations of botanicals with other herbs, drugs, and foods create effects in people that promote health and prevent disease. Courses also emphasize the body's metabolic pathways for macronutrients and micronutrients, diet diary analysis, nutritional specialty testing, individualized nutrient requirements, nutritional supplements, and therapeutic dietary protocols

Department of Homeopathy and Pharmacology

Department Chair: Stephen Messer, ND, DHANP

The courses in 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 and Environmental Medicine

Interim Department Chair: Katrina Stage, ND, RH (AHG)

Courses in the Department of Mind-Body and Environmental Medicine emphasize 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. Didactic classes also focus 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.

ACADEMIC DEPARTMENTS & COURSE DESCRIPTIONS

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 Clerkships	1 credit = 12 contact hours per quarter

Please see Program of Study on page 10 and Graduation Requirements on page 22.

COURSE DESCRIPTIONS

(Listed in alphabetical order)

CLTR 4900 Comprehensive Clinical Skills Assessment II (Clinical 1 credit)

(A course fee applies – See Tuition and Fee Schedule, p. 15 in the Course Catalog.) This is the second of two courses that comprise a global assessment of core competencies required to practice as a beginning naturopathic physician. The course involves competency assessments in advanced history-taking, differential diagnosis, treatment planning, patient communication, and patient education skills. Included in the course is the Clinic Exit Exam, which is a clinical milestone examination that assesses a student's communication, interpersonal, clinical, and charting skills. The exam simulates clinical encounters that are commonly found in a general medical practice, utilizing Standardized Patients (SPs). The course includes review modules designed to familiarize students with the assessment process and expectations. The course also includes an opportunity for students to explore and reflect on their ongoing commitment to naturopathic principles through an essay and group discussion. Students will also create a brief video presentation in order to demonstrate patient and community education skills.

Prerequisites: completion of quarters 1-12

CLTR 6600 Laboratory Post (Clinical 1 credit)

The laboratory post is an immersion course designed to introduce students to 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, 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, valid OSHA and HIPAA certifications

CLTR 6700 Medicinary Post (Clinical 1 credit)

During the medicinary post in the SCNM Medical Center, students gain a foundation for understanding the mechanics of a natural medicinary. The skills of maintaining the day-to-day functions include ordering, receiving, pricing, stocking, and shipping of products. Other experiences include blending botanical tinctures and/or dried herbs, mixing IV ingredients, answering phones, and taking verbal prescriptions.

Prerequisites: completion of quarters 1-3

CLTR 7000 and CLTR 8000 Clinical Clerkships (Clinical 3.7 credits 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 com-

mon 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 and extended clinical sites staffed by SCNM faculty. Also, the student will have an opportunity to work with private physicians.

Prerequisites: for CLTR 7000, completion of all previous quarters' courses as outlined in students' prescribed program of study, including a passing score on the Clinic Entry Exam; for CLTR 8000, completion of all previous quarters' courses as outlined in students' prescribed program of study, including a passing score on Primary Status Exam

ERMD 8010, 8020 Emergency Medicine I, II (Didactic 4 credits)

This two-course sequence provides students with experiences to differentially diagnose signs, symptoms, and situations in acute medical care. Students learn to recognize emergency signs and situations possible in all 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 quarters 1-12; courses must be taken in sequence

GNMP 8050 General Medical Practice V: Rheumatology (Didactic 2 credits)

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 quarters 1-11

GNMP 8051 General Medical Practice V: Musculoskeletal/Orthopedic Conditions (Didactic 1 credit)

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 quarters 1-12

GNMP 8060 General Medical Practice VI: Neurology (Didactic 2 credits)

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

Prerequisites: completion of quarters 1-12

GNMP 8061 General Medical Practice VI: Oncology (Didactic 1.5 credits)

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 quarters 1-12

GNMP 8070 General Medical Practice VII: Urology/ Kidney/Male Conditions (Didactic 1.5 credits)

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

ACADEMIC DEPARTMENTS & COURSE DESCRIPTIONS

include cancers and masses, male infertility, testicular conditions, prostate conditions, sexual dysfunction, erectile dysfunction, and trauma.

Prerequisites: completion of quarters 1-13

GNMP 8071 General Medical Practice VII: Geriatrics (Didactic 1 credit)

The clinical presentations discussed in the course include normal physiology of aging, cognitive disorders, genitourinary problems, musculoskeletal problems, nervous system circulatory problems, elder abuse, social and functional limitations, mood disorders, nutritional issues, and medication management in the elderly.

Prerequisites: completion of quarters 1-13

MNGT 8040 Practice Management IV (Didactic 1 credit)

This is the fourth course in the management series where the financial administration of a naturopathic medical practice is explored. Emphasis is placed upon building a sound financial model for managing both professional and personal budget.

Prerequisite: completion of quarters 1-13

MSRG 8020 Minor Surgery II: Advanced Techniques in Minor Surgery

MSRG 8020L Minor Surgery II Lab (Didactic 1 credit; Lab 1 credit)
(A MSRG fee applies— See Tuition and Fee Schedule, p. 15 in Course Catalog.)

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 quarters 1-12

PEDS 8020 Pediatrics II (Didactic 2 credits)

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 quarters 1-11

PSYC 8040 Mind-Body Medicine IV: Medical Management of Addiction (Didactic 1.5 credits)

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 quarters 1-11

SELECTIVES (Listed in alphabetical order)

BOTM 6930 Fundamentals of Flower Essences (Selective) (Didactic 1.5 credits)

This course will introduce the medical philosophy of Dr. Bach and the parallels to naturopathic medicine. Dr. Bach's complete system will be reviewed—all 38 single flower essences and Rescue Remedy®—as well as dosing, formulating, methodology, and applications. Each student

will have the opportunity to make an individualized remedy. This course includes a brief overview and comparison of three North American flower essence systems. Flower essences are simple to learn and effective to use. Students will learn to treat their patients' whole being with this cost-effective modality. Students will also learn ways flower essences can support their medical school journey. At the conclusion of this course, students will feel confident in the use of flower essences and how they can integrate them into their personal lives and their medical practice.

Prerequisites: completion of quarters 1-3

BOTM 6934 Botanical Medicine in the Rocky Mountains (Selective)(Didactic 2 credits)

This four-day field study class is set in Lyons, CO. A campsite will be reserved in Lyons and will serve as the base where students can 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 discussion 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.

Prerequisites: completion of quarters 1-3

BOTM 6954 Pharmacognosy & Phytochemistry (Selective) (Didactic 2 credits)

This course is an overview of the study of natural plant substances. 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 6994 Botanical Medicine in the Appalachian Mountains/ Gaia Selective (Selective)(Didactic 2.5 credits)

This course is an interactive/field study selective located in the North Carolina Mountains and conducted at the Gaia Herb Farm outside Brevard, North Carolina. It is designed to advance the clinical knowledge and efficacious use of botanical medicine. Students will learn about medicinal plants of the Appalachian Mountain region through field study with local herbalists. Students will also spend time at Gaia Herbs discussing medicinal use of cultivated plants with an emphasis on clinical application and constitutional prescribing. Students will learn about issues related to growing and producing quality botanical medicines; this should increase the student's ability to apply their knowledge of botanical medicine in the clinical setting. This selective builds on foundational knowledge presented in the materia medica series.

Prerequisites: BOTM 7030, BOTM 7040, BOTM 7050

BOTM 6998 Botanical Medicine Therapeutics – Developing Clinical Proficiency (Selective) (Didactic 1.5 credits)

This course is designed to prepare students for the demands of a broad-based naturopathic practice and to continue development of 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. The quality and value of this course largely depends on

ACADEMIC DEPARTMENTS & COURSE DESCRIPTIONS

student participation in lecture and learning exercises. Be prepared for participation in this course.

Prerequisites: BOTM 7030, BOTM 7040, BOTM 7050

ENVM 6940 Heavy Metals (Selective)(Didactic 1.5 Credits)

This 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

HMEO 6990 Advanced Case Management (Selective) (Didactic 2 credits)

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 6930 Yogic and Ayurvedic Principles for Creating Wellness and Sustaining Health (Selective)(Didactic 2 credits)

Content will include lecture and small-group exploration with introductory concepts of yogic and Ayurvedic philosophies surrounding the nature of human condition. Using the elements as a foundation, the basic tenants of Yogic/Ayurvedic anatomy and expression of mind, body, and spirit will be presented. Class will also include gentle yoga and participation is integral part of the class experience.

Prerequisites: completion of quarters 1-3

NTMD 6933 Nature Cure (Selective)(Didactic 2 credits)

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 class 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.

Prerequisites: completion of quarters 1-3

OMND 6980 Chinese Prepared Medicines (Selective) (Didactic 2.5 credits)

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 7050, OMND 7060 and OMND 707

PHMD 6970 Introduction to Applied Kinesiology (Selective) (Didactic 2 credits)

This course serves as an introduction to applied kinesiology 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 (Selective)(Didactic 3.5 credits)

In this course students evaluate sport and orthopedic injuries. Emphasis on exercise, soft tissue therapies, physiotherapy, manipulative techniques, and medicines used in the treatment of sports and orthopedic injuries.

Prerequisites: PHMD 6030

PHMD 6981 Advanced Hydrotherapy (Selective) (Didactic 3 credits)

Advanced Hydrotherapy Lab expands and deepens the students experience with many hydrotherapy techniques. A particular emphasis is given to variations for specific diseases and conditions.

Prerequisites: PHMD 7054

PSYC 6930 Stress Management (Selective)(Didactic 2 credits)

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, and cognitive restructuring techniques. Experiential exercises will build students own stress management skills. The course will also provide guidance in how to apply these skills with patients in clinical practice.

Prerequisites: completion of quarters 1-3

PSYC 6965 Medical Biofeedback (Selective) (Didactic 2.5 credits)

(A course fee applies – See Tuition and Fee Schedule, p. 15 in the Course Catalog) Students receive training in the principles and applications of biofeedback with a focus on integrating these treatment modalities into a naturopathic medical practice. The integration of biofeedback as a complementary approach with other therapeutic procedures to address medical and stress-related health conditions will be emphasized. Students learn to use conventional biofeedback equipment and therapeutic indications. Skill labs include training in various modalities including temperature, electrodermal activity, muscle tension, breathing patterns, heart-rate variability, and brain wave (EEG) biofeedback. Together with PSYC 6970, Foundations of Neurofeedback, this course fulfills didactic requirements for certification boards in biofeedback.

Prerequisites: completion of quarters 1-3

PSYC 6970 Foundations of Neurofeedback (Selective)(Didactic 2.5 credits)

(A course fee applies – See Tuition and Fee Schedule, p. 15 in the Course Catalog) Students receive training in the principles of neurofeedback (EEG biofeedback) and its clinical application to various brain, neurological, and psychiatric conditions such as ADHD, depression, anxiety, insomnia, addiction, and traumatic brain injury. 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 and its use to inform optimal treatment strategies. Skill labs provide hands-on experience using biofeedback instruments useful for clinical neurofeedback applications in clinic. This course fulfills didactic requirements for certification from the two major certification boards in neurofeedback.

Prerequisites: completion of quarters 1-3

PSYC 6980 Naturopathic Treatments for Mental Illness (Selective)(Didactic 2.5 credits)

This course involves in-depth exploration of specific naturopathic approaches to the most common psychiatric disorders seen in general practice, including depression, bipolar, schizophrenia, autism spectrum, anxiety spectrum, and sleep disorders. This course will allow students to assess, synthesize and prioritize, and implement therapies consistent with naturopathic principles. These are discussed and integrated as interven-

ACADEMIC DEPARTMENTS & COURSE DESCRIPTIONS

tions applied within a clearly outlined treatment plan. Course content will include introduction to laboratory, QEEG and other useful assessments, plus naturopathic treatments for various mental disorders, including biological, nutrient/orthomolecular, herbal, amino-acid, biofeedback, and other evidence-based alternative therapies. DSM and allopathic diagnosis and treatment for psychiatric illness is presented in context of the various conditions to be explored. 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: completion of quarters 1-3

PSYC 6993 Practicum in Mind-Body Healing (Selective) (Didactic 2 credits)

Students begin utilizing methodologies and techniques of mind-body healing. The use and effectiveness of various process-oriented techniques are critically evaluated. Skill labs enable students to become familiar with various techniques used in mind-body healing such as holographic imagery, Emotional Freedom Technique TM, eye movement (EMDR™), and heartmath™ breathing biofeedback. This course will review and demonstrate the most current approaches. Students practice and develop their skills in mind-body healing. Instructor and/or guest speakers will supervise skill-building sessions and provide effective role models. Intervention techniques are applied within a clearly outlined treatment plan. Students practice appropriate charting methods for mind-body healing.

Prerequisites: completion of quarters 1-3

PSYC 6995 Basic Medical Hypnosis (Selective) (Didactic 2 credits)

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 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: completion of quarters 1-3

RSCH 6600 Directed Research Project (Selective) (Lab 1-3 credits)

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. These credits will apply towards the graduation requirements in research. Prerequisites, credits, and number of students will be determined by the instructor(s). Admittance to this class is in order of registration within the Registrar's Office until class size limit has been attained.

Prerequisites: HUBI 5010

RSCH 6914 Research Studies: Case Reports and Meta-Analysis I (Selective)(Lab 1 credit)

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: HUBI 5010

Two options are available for this course:

Option A (Meta-analysis): In this option, 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 (Selective)(Lab 1 credit)

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, 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.

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 lab 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 1296 contact hours (108.5 credits) in clinical training which exceeds the standards set by the CNME. In SCNM's clinical experience curriculum, no more than 5 credits may be field observation; and of the 101.5 credits of direct patient care, no more than 13.5 credits may be with a non-ND supervising physician. Supervising physicians must hold an active license in the US or Canada. For a description of the various clinical clerkships and posts, please see Course Descriptions of this catalog or contact the Clinical Coordinator.

In order to complete clinical training and meet graduation requirements, a student must:

- Complete 101.5 credits of clinical clerkships, 5 credits of field observation, 1 credit of lab post, and 1 credit of medicinary post, for a total of 108.5 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 Clinical Handbook. This includes maintaining a current clinical training certificate from the Arizona Naturopathic Physicians Medical Board, current CPR certification, current TB screening, current Hepatitis B information, fingerprint certification card, and any other health-related information. The Clinical Handbook is available on MySCNM (<http://my.scnm.edu>).

(Refer to the complete list of graduation requirements under Graduation Requirement, p. 18)

TESTING AND EXAMINATIONS

Retake Exam

A student who fails a course, which means competency is below 70%, may be eligible for a retake exam in the failed course(s), if permitted by the faculty and the student meets the following criteria:

- The student is taking the course(s) for the first time,
- The student failed the course(s) for reasons other than academic dishonesty,
- The student has participated in the course(s) and has met the course requirements as outlined in the course syllabus,
- The student has passed the non-objective requirements of the course(s), and
- The student has achieved a final numerical grade of 60-69

As soon as final grades are available, the student will be notified if (s)he is eligible for a retake exam(s). If the student chooses to take the retake exam(s), the student will be given the non-negotiable date/ time/

place for the retake exam(s). If the student chooses not to take the retake exam(s), the student must retake the failed course(s) at the next offering.

The retake exam is considered a special exam given at a time different from regularly scheduled exams. The special exam fee given in the catalog will be charged to the student for each retake exam taken. The fee assessed for special exams is not subject to waivers. Proof of special exam fee payment must be provided prior to sitting for a special exam. *(Refer to Tuition and Fee Schedule on p. 15 in the Course Catalog.)*

Challenge Examinations

Students may apply to take a challenge examination if they have taken a similar course or show evidence of other relevant experience that is determined by the Academic Advising Specialist to be of similar content and level of the course being challenged. Eligibility is determined on a case-by-case basis by the Academic Advising Specialist, Department Chair, and/or faculty. A syllabus or other relevant documentation is required for evaluation. The challenge exam applies only to the course being challenged and may not be used for another course.

Students must be enrolled in and pay tuition for the course that they plan to challenge. The Application for Challenge Exams must be submitted no later than the first week of the quarter in which the challenge course occurs. Applications are available in the Registrar's office. The challenge process must be completed by the end of the third week of the quarter in which the course is offered. Students are required to enroll in and attend the course until the challenge exam is completed and accepted. Students may challenge a course only once. If a student fails the challenge exam, the student must complete the course. Course credit given through passing a challenge exam will be reflected as a grade of Satisfactory (S) on the transcript. Tuition and challenge exam fee(s) apply. *(See Tuition and Fee Schedule, p. 15 in the Course Catalog.)*

Enrolled students are not eligible to take a challenge exam in a course they have previously failed. Students on academic probation or academic warning are not eligible to take challenge exams. Clinical credits cannot be challenged. Non-degree students cannot challenge a course.

GRADING SCALE

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. Clinical clerkships and lab/medicinary posts are graded satisfactory/unsatisfactory (S/U). Some didactic courses are also graded satisfactory/unsatisfactory (S/U). These S/U graded courses have no effect on GPA and are noted in the course description section of the catalog.

GRADE POINT AVERAGES (GPA)

The GPA for each quarter is calculated by multiplying the point value of the grade received (see table below: A=4, B=3, etc.) by the number of credits for each course. To calculate the GPA, add the credits; add the grade points, and divide the total points by the total credits. Grades of satisfactory/unsatisfactory, withdraw, or incomplete are not included in the GPA. 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.

ACADEMIC POLICIES

GRADE	DESCRIPTION	POINTS	PERCENTAGE
A	Outstanding	4	90-100%
B	Very Good	3	80-89%
C	Average	2	70-79%
F	Fail	0	60-69%*
	<i>eligible for retake exam</i>		
FF	Fail	0	
	<i>not eligible for retake exam</i>		
RP	Retake/Pass	2	70%+ <i>following retake exam</i>
RF	Retake/Fail	0	69% or lower <i>following retake exam</i>
AU	Audit	Taken/Information	
I	Incomplete	Additional work required	
S	Satisfactory	Pass/Credit Earned	
U	Unsatisfactory	Fail/ No Credit Earned	
T	Transfer	Graduate transfer	
WD	Withdrew	Withdrew from course	
WV	Waive	Requirements waived	
WIP	Work in Progress	Continuing Course	

**Please refer to the Retake Examination Policy.*

GRADE OF FAIL OR UNSATISFACTORY

Grades of Fail, "F," or its equivalents, "FF" or Unsatisfactory, "U," can seriously affect the student's academic progress and the student's eligibility for financial aid. An "F"/"U" in a prerequisite for other courses precludes the student from entering those courses until the "F"/"U" has been rectified. In order to rectify the grade of "F"/"U," the course must be repeated at the next available offering. A course may be repeated one time only. Both the original "F"/"U" and the grade given in the repeated course appear on the student's transcript. If a second "F"/"U" is earned for the repeated course, the student may be academically dismissed.

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 does not meet the minimum academic requirements (see p. 49 in course catalog) or
- The student fails a course during his/her enrollment at SCNM or
- The student fails to meet the Technical Standards of Admission as outlined in the catalog
- For every two grades of Retake/Pass (RP), the student will be subject to the next level of academic probation.

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 Academic Advising Specialist for recommendations on how to improve their academic performance. Students are encouraged to meet with the Dean of Students to obtain additional academic assistance.

Students on probation who plan to continue the program at SCNM will be required to complete an Academic Agreement during their meeting with the Academic Advising Specialist. 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 therefore may not be eligible for financial aid. The student may be eligible to reenter the program of study as determined by the APPC and SCNM's ALOA policy as outlined in the catalog.

The Academic Probation notation remains on the student's transcript indefinitely.

Second Academic Probation

Students are placed on a second and final academic probation if:

- The student does not meet the minimum academic requirements (see p. 49 in course catalog) or
- The student fails a course while being on the first academic probation or
- The student fails to meet the Technical Standards of Admission while on the first academic probation.
- For every two grades of Retake/Pass (RP), the student will be subject to the next level of academic probation.

Students 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 Academic Advising Specialist and the Dean of Students to discuss an academic agreement intended to improve performance. The Academic Advising Specialist will report recommendations to the Academic Policy and Progress Committee (APPC) to review and make additional recommendations as deemed necessary.

Students on probation who plan to continue the program at SCNM will be required to complete an Academic Agreement during their meeting with the Academic Advising Specialist. 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 therefore may not be eligible for financial aid. The student will be eligible to reenter the program of study as determined by the APPC and SCNM's LOA policy as outlined in the catalog.

ACADEMIC SUSPENSION

A student may be subject to suspension due to the same reasons for academic dismissal (see below). 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. While on academic probation for the second time, a student will be considered for dismissal if:

1. The student does not meet the minimum academic requirements or
2. The student fails a course or
3. The student fails the same course for the second time during any portion of their enrollment at SCNM (a course includes any didactic class and clinical clerkship) or
4. The student fails to meet the Technical Standards of Admission as outlined in the catalog.

ACADEMIC POLICIES

5. For every two grades of Retake/Pass (RP), the student will be subject to the next level of academic probation.
6. The student's cumulative GPA is below 2.0 at the end of the 7th quarter of the prescribed curriculum.

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 subject to dismissal will receive a letter from the Registrar's Office. A copy of this letter will be forwarded to the APPC and the Dean of Academic Affairs.

Re-Activation 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 Academic Advising Specialist to initiate re-activation and for assistance on requirements. APPC will review these and will determine the student's readiness and availability to re-enter their program of study, which may require transition into the Revised 2014 curriculum. Upon return from LOA, the student must continue to meet the Technical Standards as outlined in the catalog.

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.

COMPLETION TIME REQUIRED

The Doctor of Naturopathic Medicine program is designed to be completed in four calendar years or 14 academic quarters. Students who deviate from the standard academic program will extend the length of the program. Students are expected to complete the ND program within 24 academic quarters, not to exceed six years from initial date of matriculation, including any and all leaves of absence and periods of withdrawal followed by re-activation. Credits transferred from an approved institution count toward the maximum completion time. Students must make satisfactory progress toward the completion of their degree at SCNM to be eligible for most financial aid programs. SCNM's satisfactory academic progress policy includes cumulative GPA, academic year minimum credits earned, and 24 total academic quarters.

The following table illustrates the minimum number of credit hours required to be completed at the end of every calendar year.

Minimum Academic Requirements

Calendar Year	Total Quarters	Total Credits Earned
1st	Quarters 1 – 3	62
2nd	Quarters 4 – 7	124
3rd	Quarters 8 – 11	186
4th	Quarters 12 – 15	248
5th	Quarters 16 – 19	310
6th	Quarters 20 – 22	372

GRADUATION

Graduation Requirements

Candidates for the Doctor of Naturopathic Medicine degree must fulfill the following graduation requirements:

- Satisfactory completion of all courses in the prescribed curriculum
- Satisfactory completion of clinical training requirements, including:
 - 101.5 clinical credits
 - 5 field observation credits
 - 1 Lab post credit
 - 1 Medicinary post credit
 - 500 patient contacts (at least 225 in a primary capacity)
 - Satisfactory completion of required student clinical competencies
 - Successful completion of Clinical Milestone Exams
- Satisfactory discharge of all academic and/or disciplinary sanctions
- Fulfillment of all obligations to SCNM
- Completion of 45 community service hours
- Recommendation from the Faculty Senate

INDEX

A			
Academic Accreditation	3		
Academic Calendar	3		
Academic Departments & Course Descriptions	11–15		
Academic Dismissal	17		
Academic Policies	16-19		
Academic Probation	17		
Academic Probation, First	17		
Academic Probation, Second	17		
Academic Program	5		
Academic Requirements	18		
Academic Suspension	17		
C			
Calendar Year, First	5		
Calendar Year, Fourth	5		
Calendar Year, Second	5		
Calendar Year, Third	5		
Challenge Examinations	16		
Clinical Education Experience	16		
Completion Time Required	18		
Course Descriptions	12-15		
Credit Equivalence	12		
D			
Department of Acupuncture and Oriental Medicine	11		
Department of Basic Medical Sciences	11		
Department of Botanical Medicine and Nutrition	11		
Department of Community Medicine	11		
Department of General Medicine	11		
Department of Homeopathy and Pharmacology	11		
Department of Human Studies	11		
Department of Mind-Body and Environmental Medicine	11		
Department of Physical			
		Medicine	11
		Department of Pre-Clinical Studies	11
		Department of Research	11
		Department of Special Populations	11
		Department of Therapeutics	11
G			
Grade or Fail or Unsatisfactory	17		
Grade Point Averages (GPA)	16-17		
Grading Scale	20		
Graduation Requirements	18		
L			
Leave of Absence	18		
Licensure	3		
O			
Oversight	3		
P			
Program Of Study	5-10		
Purpose	2		
R			
Retake Exam	16		
S			
Selectives	13–15		
T			
Testing and Examinations	16		

