

ND FOUR-YEAR CURRICULUM

first year

COURSE #	FIRST-YEAR FALL	CLINIC	TUTORIAL	LAB	LECTURE	TOTAL HOURS	CREDITS
BAS 5110	Structure and Function I				156	156	13.00
BAS 5110T	Structure and Function I Tutorial		36			36	3.00
BAS 5110L	Structure and Function I Lab			12		12	0.50
BAS 5111	Clinical Anatomy I				36	36	3.00
BAS 5111T	Clinical Anatomy I Tutorial		12			12	1.00
BAS 5111L	Clinical Anatomy I Lab			36		36	1.50
PHL 5110	Naturopathic History and Philosophy I				12	12	1.00
PHL 5113	Intro to Medical Systems				24	24	2.00
	Electives*				12	12	1.00
	First-Year Fall Totals	0	48	48	240	336	26.00

COURSE #	FIRST-YEAR WINTER	CLINIC	TUTORIAL	LAB	LECTURE	TOTAL HOURS	CREDITS
BAS 5120	Structure and Function II				96	96	8.00
BAS 5120T	Structure and Function II Tutorial		36			36	3.00
BAS 5120L	Structure and Function II Lab			6		6	0.25
BAS 5121	Clinical Anatomy II				36	36	3.00
BAS 5121T	Clinical Anatomy II Tutorial		12			12	1.00
BAS 5121L	Clinical Anatomy II Lab			36		36	1.50
PHL 5120	Naturopathic History and Philosophy II				12	12	1.00
THR 5120	Therapeutic Modalities I				72	72	6.00
THR 5120T	Therapeutic Modalities I Tutorial		24			24	2.00
THR 5120L	Therapeutic Modalities I Lab			24		24	1.00
CLE 5120	Clinical Observation I	20			5	25	1.25
	Electives*				12	12	1.00
	First-Year Winter Totals	20	72	66	233	391	29.00

COURSE #	FIRST-YEAR SPRING	CLINIC	TUTORIAL	LAB	LECTURE	TOTAL HOURS	CREDITS
BAS 5130	Structure and Function III				96	96	8.00
BAS 5130T	Structure and Function III Tutorial		36			36	3.00
BAS 5130L	Structure and Function III Lab			6		6	0.25
PHL 5130	Naturopathic Medicine Retreat			18		18	0.75
THR 5131	Therapeutic Modalities II				72	72	6.00
THR 5131T	Therapeutic Modalities II Tutorial		24			24	2.00
THR 5131L	Therapeutic Modalities II Lab			12		12	0.50
BAS 5131	Microbiology, Public Health and Immunology				36	36	3.00
BAS 5131T	Microbiology, Public Health and Immunology Tutorial		24			24	2.00
CLE 5130	Clinical Observation II	20			2	22	1.00
CLE 5131	Intro to Community Education				3	3	0.25
	Electives*				12	12	1.00
	First-Year Spring Totals	20	84	36	221	361	27.75

FIRST-YEAR TOTALS **40** **204** **150** **694** **1088** **82.75**

ND FOUR-YEAR CURRICULUM

second year

COURSE #	SECOND-YEAR FALL	CLINIC	TUTORIAL	LAB	LECTURE	TOTAL HOURS	CREDITS
CLS 6210	Musculoskeletal, Orthopedics, Exercise Physiology and Rehab				108	108	9.00
CLS 6210T	Musculoskeletal, Orthopedics, Exercise Physiology and Rehab Tutorial		72			72	6.00
CLS 6210L	Musculoskeletal, Orthopedics, Exercise Physiology and Rehab Lab			72		72	3.00
CLS 6211	Neurology				66	66	5.50
CLS 6211T	Neurology Tutorial		18			18	1.50
CLS 6211L	Neurology Lab			6		6	0.25
CLE 6212	Introduction to Clinic				3	3	0.25
	Second-Year Fall Totals	0	90	78	177	345	25.50
COURSE #	SECOND-YEAR WINTER	CLINIC	TUTORIAL	LAB	LECTURE	TOTAL HOURS	CREDITS
CLS 6220	Cardiology and Pulmonology				108	108	9.00
CLS 6220T	Cardiology and Pulmonology Tutorial		48			48	4.00
CLS 6220L	Cardiology and Pulmonology Lab			12		12	0.50
CLS 6221	Hematology and Oncology				84	84	7.00
CLS 6221T	Hematology and Oncology Tutorial		18			18	1.50
CLS 6221L	Hematology and Oncology Lab			6		6	0.25
CLE 6222	Hydrotherapy Rotation	48				48	2.00
	Second-Year Winter Totals	48	66	18	192	324	24.25
COURSE #	SECOND-YEAR SPRING	CLINIC	TUTORIAL	LAB	LECTURE	TOTAL HOURS	CREDITS
CLS 6230	Gastroenterology and Proctology				102	102	8.50
CLS 6230T	Gastroenterology and Proctology Tutorial		24			24	2.00
CLS 6230L	Gastroenterology and Proctology Lab			6		6	0.25
CLS 6231	Urology and Nephrology				66	66	5.50
CLS 6231T	Urology and Nephrology Tutorial		36			36	3.00
CLS 6232	Metabolism and Endocrinology				84	84	7.00
CLS 6232T	Metabolism and Endocrinology Tutorial		36			36	3.00
	Second-Year Spring Totals	0	96	6	252	354	29.25
	SECOND-YEAR TOTALS	48	252	102	621	1023	79.00

ND FOUR-YEAR CURRICULUM

third year

COURSE #	THIRD-YEAR FALL	CLINIC	TUTORIAL	LAB	LECTURE	TOTAL HOURS	CREDITS
CLS 7310	Reproductive Systems (Andrology, Gynecology and Natural Childbirth)				132	132	11.00
CLS 7310T	Reproductive Systems Tutorial			12		12	0.50
CLS 7310L	Reproductive Systems Lab		36			36	3.00
CLS 7311	Rheumatology and Clinical Immunology				48	48	4.00
CLS 7311T	Rheumatology and Clinical Immunology Tutorial		24			24	2.00
CLE 7300	Secondary Rotation	60				60	2.50
CLE 7311	Community Education		24			24	2.00
	Third-Year Fall Totals	60	84	12	180	336	25.00

COURSE #	THIRD-YEAR WINTER	CLINIC	TUTORIAL	LAB	LECTURE	TOTAL HOURS	CREDITS
CLS 7320	Eyes, Ears, Nose and Throat (EENT)				60	60	5.00
CLS 7320T	EENT Tutorial		24			24	2.00
CLS 7320L	EENT Lab			6		6	0.25
CLS 7321	Dermatology and Minor Surgery				90	90	7.50
CLS 7321T	Dermatology and Minor Surgery Tutorial		24			24	2.00
CLS 7321L	Dermatology and Minor Surgery Lab			24		24	1.00
BUS 7320	Business I: Human Relations Management				12	12	1.00
CLE 7300	Secondary Rotation	60				60	2.50
	Third-Year Winter Totals	60	48	30	162	300	21.25

COURSE #	THIRD-YEAR SPRING	CLINIC	TUTORIAL	LAB	LECTURE	TOTAL HOURS	CREDITS
CLS 7332	Psychology and Mental Health				48	48	4.00
CLS 7332T	Psychology and Mental Health Tutorial		36			36	3.00
CLS 7330	Pediatrics and Geriatrics				72	72	6.00
CLS 7330T	Pediatrics and Geriatrics Tutorial		24			24	2.00
CLS 7331	Parenteral Therapy and Environmental Medicine				42	42	3.50
CLS 7331T	Parenteral Therapy and Environmental Medicine Tutorial		24			24	2.00
CLS 7331L	Parenteral Therapy and Environmental Medicine Lab			12		12	0.50
BUS 7330	Business II: Operations Management				12	12	1.00
CLE 7300	Secondary Rotation	60				60	2.50
	Third-Year Spring Totals	60	84	12	174	330	24.50

THIRD-YEAR TOTALS	180	216	54	516	966	70.75
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ND FOUR-YEAR CURRICULUM

fourth year

COURSE #	FOURTH-YEAR SUMMER	CLINIC	TUTORIAL	LAB	LECTURE	TOTAL HOURS	CREDITS
CLE 8400	Primary Rotations (3)	180				180	7.50
BUS 8400	Jurisprudence				12	12	1.00
CLE 8400T	Case Integration Mentorship		18			18	1.50
CLE 8401	Preceptorship***	120				120	5.00
	Electives*				36	36	3.00
Fourth-Year Summer Totals		300	18	0	48	366	18.00

COURSE #	FOURTH-YEAR FALL	CLINIC	TUTORIAL	LAB	LECTURE	TOTAL HOURS	CREDITS
CLE 8400	Primary Rotations (3)	180				180	7.50
CLE 8411	Grand Rounds				18	18	1.50
CLE 8410T	Case Integration Mentorship		18			18	1.50
BUS 8410	Business III: Portfolio and Development				12	12	1.00
	Electives*				36	36	3.00
Fourth-Year Fall Totals		180	18	0	66	312	14.50

COURSE #	FOURTH-YEAR WINTER	CLINIC	TUTORIAL	LAB	LECTURE	TOTAL HOURS	CREDITS
CLE 8400	Primary Rotations (3)	180				180	7.50
CLE 8421	Grand Rounds				18	18	1.50
CLE 8420T	Case Integration Mentorship		18			18	1.50
BUS 8420	Business IV: Business Plan Development				12	12	1.00
	Electives*				48	48	4.00
Fourth-Year Winter Totals		180	18	0	78	276	15.50

COURSE #	FOURTH-YEAR SPRING	CLINIC	TUTORIAL	LAB	LECTURE	TOTAL HOURS	CREDITS
CLE 8400	Primary Rotations (4)**	240				240	10.00
CLE 8431	Grand Rounds				18	18	1.50
CLE 8430T	Case Integration Mentorship		18			18	1.50
BUS 8430	Business V: Capstone		18			18	1.50
CLE 8432	Preceptorship***	96				96	4.00
	Electives*				36	36	3.00
Fourth-Year Spring Totals		336	36	0	54	426	21.50

FOURTH-YEAR TOTALS **996** **90** **0** **246** **1380** **69.50**

*May be taken in any year or quarter; 16 elective credits required

**One rotation to be taken in priority term

***These hours are cumulative and may be earned in a term other than term registered

	CLINIC	TUTORIAL	LAB	LECTURE	TOTAL HOURS	CREDITS
PROGRAM TOTALS	1264	762	306	2077	4457	302.00

ND ELECTIVES 16 Credits Required

electives

Naturopathic medicine students may take any ND elective courses listed below. In addition, students may take elective courses through the School of Graduate Studies and the College of Classical Chinese Medicine. Some core courses may also be eligible for transfer among NUNM graduate programs to satisfy elective requirements; this is dependent upon approval from the two program deans. In all cases, students must satisfy course prerequisites.

NOTE: Elective courses (including those required for certificate programs) may not be offered every year. All elective courses are scheduled based on faculty availability and sufficient student enrollment.

COURSE #	COURSE	LAB	LECTURE	TOTAL HOURS	CREDITS
BOTANICAL MEDICINE					
NDEB 5110E	Northwest Herbs I		24	24	2
NDEB 5130E	Northwest Herbs II		24	24	2
NDEB 5201E	Cascade Mountain Herbal Intensive		24	24	2
NDEB 5210E	Herbal Garden Processing		6	6	0.5
NDEB 5231E	CASEE Center Herb Walk		6	6	0.5
NDEB 6200E	Ethnobotany Intensive		60	60	5
NDEB 6230E	Advanced Topics Botanical Medicine I		36	36	3
NDEB 6310E	Effective Formulas for Top General Practice Conditions		12	12	1
NDEB 6330E	Advanced Topics Botanical Medicine II		36	36	3
NDEB 6330E	Botanical Cell Biology, Molecular Mechanisms and Research		12	12	1
CLINICAL					
NDEC 5125E	Personal Development as a Physician	12	12	24	1.5
NDEC 5203E	Advanced Anatomy Techniques in Dissection		36	36	3
NDEC 6240E	Advanced Electrocardiogram and Spirometric Interpretation	12		12	0.5
NDEC 6349E	Advanced Medical Biochemistry		36	36	3
NDEC 6350E	Simulation Lab		6	6	0.5
NDEC 7310E	Pharmacology for Clinical Practice		12	12	2
NDEC 7311E	Pain: Pathophysiology and Management Options		24	24	2
NDEC 7313E	Neuroendocrine Immunology		24	24	2
NDEC 7320E	Microbiome		12	12	1
NDEC 7330E	Transgender Health and Gender Transition		24	24	2
NDEC 7340E	The Liver in Health and Disease		24	24	2
NDEC 7341E	Sleep Health and Disorders		24	24	2
NDEC 7342E	Advanced Gastroenterology		24	24	2
NDEC 7350E	Auriculomedicine		24	24	2
NDEC 7351E	Point-of-Care Ultrasound		30	30	2.5
NDEC 8430E	Advanced Gastroenterology Lab	24		24	1
HOMEOPATHY					
NDEH 7330E	Sensation in Homeopathy		24	24	2
NDEH 7340E	Homeopathy V		36	36	3
NDEH 8420E	Homeopathy VI		36	36	3
NDEH 8430E	Homeopathy VII		36	36	3
NDEH 8440E	Homeopathy VIII		36	36	3
REPRODUCTIVE					
NDER 7330E	Natural Childbirth II: Pregnancy		36	36	3
NDER 7331E	Advanced Gynecology: Special Topics		24	24	2
NDER 7340E	Natural Childbirth III: Labor and Delivery		36	36	3

electives

COURSE #	COURSE	LAB	LECTURE	TOTAL HOURS	CREDITS
NDER 7341E	Advanced Gynecology: Infertility/Endocrinology		30	30	2
NDER 8420E	Natural Childbirth IV: Postpartum Mgmt.		36	36	3
NDER 8430E	Natural Childbirth V: Neonatology		36	36	3
NDER 8440E	Natural Childbirth VI: Special Topics		24	24	2
NDER 8441E	Natural Childbirth VII: Legal Aspects		12	12	1
THERAPEUTICS					
NDET 5120E	Bodywork I: Massage Foundations	24		24	1
NDET 5121E	Somatic Re-Education I	24		24	1
NDET 5130E	Bodywork II: Advanced Massage	24		24	1
NDET 5131E	Somatic Re-Education II	24		24	1
NDET 5140E	Bodywork III: Energy Work	24		24	1
NDET 5141E	Somatic Re-Education III	24		24	1
NDET 6121E	Somatic Re-Education IV	24		24	1
NDET 6140E	Aromatherapy		18	18	1.5
NDET 6230E	Mindful Self-Compassion		24	24	2
NDET 6250E	Nature Cure		24	24	2
NDET 6251E	Advanced Physical Medicine		36	36	3
AYURVEDA MEDICINE ELECTIVES					
<i>See applicable catalog section</i>					
CLASSICAL CHINESE MEDICINE ELECTIVES					
CM 5100E	ND Qigong Retreat I		12	12	1
CM 5101E	ND Qigong Retreat II		12	12	1
CM 5102E	ND Qigong Retreat III		12	12	1
<i>For additional CCM electives, see applicable catalog section</i>					
GLOBAL HEALTH ELECTIVES					
<i>See applicable catalog section</i>					
INTEGRATIVE MEDICINE RESEARCH ELECTIVES					
<i>See applicable catalog section</i>					
INTEGRATIVE MENTAL HEALTH ELECTIVES					
<i>See applicable catalog section</i>					
NUTRITION (MScN) ELECTIVES					
<i>See applicable catalog section</i>					
CORE COURSES FROM OTHER GRADUATE PROGRAMS ELIGIBLE FOR ND ELECTIVE CREDIT					
CM 511, 521, 531	Foundations of CCM I-III (credits listed are per class)		24	24	2
CM 516, 526, 536, 616, 626, 636	Herbs I-VI (credits listed are per class)		24	24	2
CM 562, 572	Chinese Diagnostic Techniques I & II (credits listed are per class)	12	12	24	1.5
CM 611, 621, 631	Chinese Organ Systems: Cosmology and Symbolism I-III (credits listed are per class)		24	24	2
CM 817	Physiology of Acupuncture		12	12	1
GSN 505	Healing Foods		24	24	2
RES 501	Journal Club		12	12	1
RES 502	Principles of Epidemiology		36	36	3
RES 520, 521, 533	Research Fundamentals I-III (credits listed are per class)		12	12	1
RES 530	Research Methodology		36	36	3