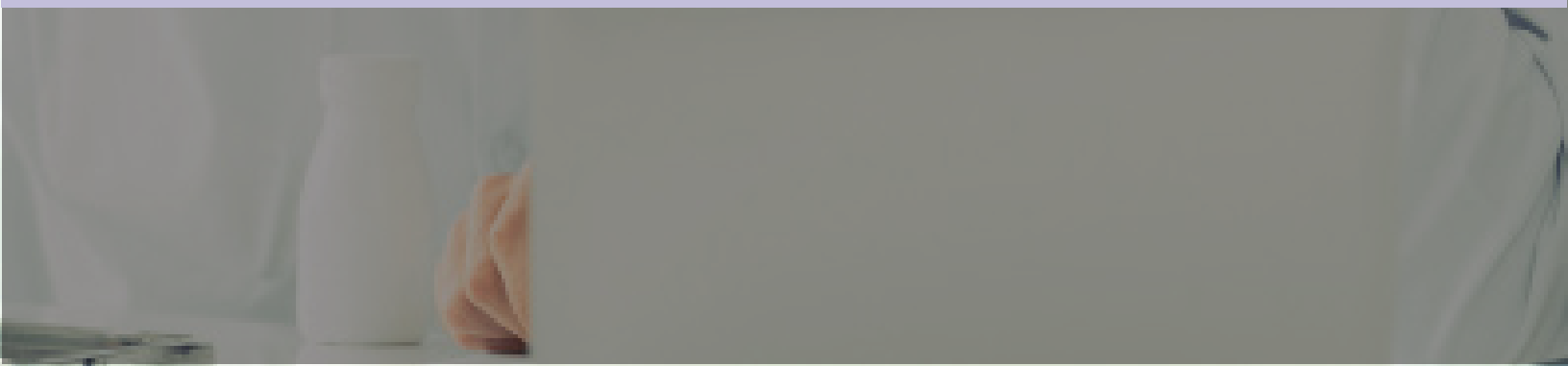




College of Osteopathic Medicine Program of Study



Osteopathic Medicine - Program of Study

General Overview

The curriculum at Noorda College of Osteopathic Medicine Doctor of Osteopathy program is structured to provide medical students with the interpersonal and professional skills necessary to be competent, confident, compassionate clinicians. Osteopathic principles and philosophy are integrated across the continuum of the four-year curriculum. A blended curricular model utilizes multiple modalities to develop the student's acumen in the proficiencies necessary to meet the core entrustable professional activities required of physicians. This ensures our students will be ready for their first day as a physician in a graduate medical education training program.

Curriculum Philosophy

The goal and objective of our blended curricular model is to harness technology and learning science to empower our students with the essential personal and professional skills needed to be competent, confident, and compassionate osteopathic physicians who are dedicated to meeting healthcare challenges within the communities they serve.

The curriculum design breaks down key medical concepts into manageable chunks, each addressing a single learning objective with incorporated clinically relevant examples, simulations and experiences.

These content modules are designed for students to study together in small groups with application exercises to stimulate active learning and assess their understanding of the material. This allows us to provide timely feedback to both students and faculty so that we can tailor both individual study recommendations and group instruction.

The foundations of anatomy, physiology, biochemistry, epidemiology, genetics, microbiology, immunology, pathology, pharmacology, medical ethics, medical jurisprudence, osteopathic principles and practices, and the clinical disciplines of internal medicine, pediatrics, family medicine, surgery, OB/GYN, and psychiatry, as well as many sub-specialties are incorporated into clinical presentations and boards-style assessments and reinforcement covering common presentations encountered in day-to-day practice. Inter-professional education, health-care policy, medical informatics, professionalism, nutrition, lifestyle management, and health and wellness are also integrated across the curriculum.

The patient-centered curriculum prepares students to analyze and integrate medical information in a format used by medical practitioners. The curriculum approach integrates the basic and clinical sciences from the first day of medical school and includes opportunities for clinical experiences early in the student's education. This allows our students to become meaningful members of health care teams early in their educational process.

Teaching Methods

A variety of teaching and learning methods are used across the continuum of the curriculum. These methods include curated instruction delivered to small groups based in on-campus learning pods, with bi-weekly faculty focus sessions in-person, laboratory exercises, small-group discussions, specialized workshops, and the use of standardized patients, task trainers and human patient simulators.

Curriculum

First-Year Curriculum

The courses offered in the first year are shown in the sequence in which they are taken:

Fall	OMSI	CEPA 101	Core Entrustable Professional Activities I	7.00
Fall	OMSI	OMED 102	Introduction to Osteopathic Principles and Philosophy	3.50
Fall	OMSI	OMED 103	Foundations of Medicine	6.00
Fall	OMSI	OMED 104	Structure and Function	8.00
Spring	OMSI	CEPA 102	Core Entrustable Professional Activities II	11.00
Spring	OMSI	OMED 105	Inherent Abilities	6.00
Spring	OMSI	OMED 106	Mechanisms of Disease	6.00
Spring	OMSI	CUM Exam	Cumulative Exam	Required

Second-Year Curriculum

The courses offered in the second year are shown in the sequence in which they are taken:

Fall	OMSII	OMED 201a	Longitudinal Community Medicine	4.00
Fall	OMSII	CEPA 201	Core Entrustable Professional Activities III	5.00
Fall	OMSII	OMED 202	Neuroscience	6.00
Fall	OMSII	OMED 203	Endocrine	2.00
Fall	OMSII	OMED 204	Reproduction and Development	4.00
Fall	OMSII	OMED 205	Skin, Blood, Lymph	4.00
Fall	OMSII	OMED 206	Renal	2.00
Spring	OMSII	OMED 201b	Longitudinal Community Medicine	4.00

Spring	OMSII	CEPA 202	Core Entrustable Professional Activities IV	5.00
Spring	OMSII	OMED 207	Cardiopulmonary	8.00
Spring	OMSII	OMED 208	Gastrointestinal	2.00
Spring	OMSII	OMED 209	Musculoskeletal	4.00
Spring	OMSII	OMED 210	Surgery	2.00
Spring	OMSII	OMED 211	Pediatrics	2.00
Spring	OMSII	OMED 212	Transitions to Clinical Care	0.50
Spring	OMSII	OMED 213	Clinical Management I	0.50

Pre-Clinical Credit and Grading

Pre-Clinical Core Courses will be graded:

Pre-Clinical Core Courses (OMSI & OMSII)	% Three (3) Digit Comprehensive (COM) Score Two (2) Digit Comprehensive (COM) Score Letter Grade
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Comprehensive Scores for OMSI & OMSII

%	3 Digit COM Score	2 Digit COM Score	Grade Equivalent	Pass / Fail Equivalent
97-100	760-800	99+	A+	Pass
93-96	700-759	97-99	A	Pass
90-92	667-699	93-96	A-	Pass
87-89	626-666	85-92	B+	Pass
83-86	573-625	67-84	B	Pass
80-82	533-572	50-66	B-	Pass
77-79	493-532	33-49	C+	Pass
73-77	440-492	14-32	C	Pass
70-72	400-439	6-13	C-	Pass
<69	<399	<5	F	Fail

% = Percentage Correct Range

3 Digit COM Score = 3 digit Comprehensive (COM) Score

2 Digit COM Score = 2 digit Comprehensive (COM) Score

Milestone Level = Score based on ACGME Competencies

The percentage and the letter grade will appear on your official transcript.

Non-clinical electives and independent study courses are graded:

Electives / Independent Study (Non-clinical)	S/U
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Third- and Fourth-Year Curriculum

Clinical clerkships in the third and fourth years reinforce and expand on the training of the first two (2) years of medical school with emphasis on the skills learned during the CEPA I-IV courses and continuing longitudinal learning for enhancement of professional clinical skills. Each student must complete a minimum of 17 blocks (80 semester credits) of clinical clerkships. All clerkships are identified in terms of "blocks," which are either four to six (6) weeks in duration or carry a credit value of 4 - 6 semester credits each.

Third year consists of six (6) required clinical clerkship blocks for a total of thirty-six (36) semester credits. In each block students will spend one week on campus preparing for the clerkship, four weeks in the clinical environment, and one week on campus studying and being assessed for knowledge and skill. These include: Family Medicine, Internal Medicine, Pediatrics, Surgery, Obstetrics/Gynecology, and Psychiatry. Assignment to sites is determined during the second year. Curricular modules with learning objectives and compulsory assignments are provided for all required clerkships to enhance student learning. Students also take two (2) semesters of Core Entrustable Professional Activities (CEPA) and six (6) weeks of Clinical Management II.

Fourth year consists of one required Emergency Medicine clerkship, six (6) elective clerkships and two (2) or more sub-

internships for a total of nine (9) or more blocks and spanning no less than 36 weeks (35 semester credits). Required third and fourth-year clinical clerkships are completed at designated training sites. Student are supported by Clinical Education department in arranging elective clinical clerkships and sub-internships. Students also take two (2) semesters of Core Entrustable Professional Activities (CEPA). At the conclusion of the fourth-year students complete a capstone course allowing for completion of compulsory scholarly activities pursued during CEPA.

Third-Year Curriculum

Clerkship offerings for the third year are:

CEPA 301a	Core Entrustable Professional Activities V	2.00
OMED 301	Clinical Management II	0.50
FMED 301	Family Medicine	6.00
IMED 301	Internal Medicine	6.00
OBGY 301	Obstetrics and Gynecology	6.00
CEPA 301b	Core Entrustable Professional Activities VI	2.00
PEDS 301	Pediatrics	6.00
PSYC 301	Psychiatry	6.00
SURG 301	General Surgery	6.00

Fourth-Year Curriculum

Clerkship offerings for the fourth year are:

EMED 401	Emergency Medicine	6.00
CEPA 401a	Core Entrustable Professional Activities VII	2.00
Elective 1	Elective 1	4.00
Elective 2	Elective 2	4.00
Elective 3	Elective 3	4.00
Elective 4	Elective 4	4.00
CAP 401	Capstone	1.00
CEPA 401b	Core Entrustable Professional Activities VIII	2.00
Elective 5	Elective 5	4.00
Elective 6	Elective 6	4.00
Sub-I	Sub-I	4.00
Sub-I	Sub-I	4.00

Clinical Clerkship Credit and Grading

Clerkship credit is one unit per completed week (45+ hours in and out of clinical setting).

- All core clinical clerkships are (6) units.
- All elective and sub-internship clinical clerkships are awarded credit based on length.
- All core clerkships and sub-internships are graded:

H	Honors	Special recognition for exceptional work in clinical rotations.
HP	High Pass	Recognition for above average proficiency.
P	Pass	Pass.
F	Fail	Failure of a clerkship.

- All elective clerkships are graded:

S	Satisfactory	Pass. Satisfactorily met requirements.
U	Unsatisfactory	Did not satisfactorily meet requirements.

Enrollment Status of Third- and Fourth-Year Students

Students enrolled in clerkships are considered full time. This full-time status is based on a schedule, approved by the Associate Dean of Clinical Affairs, allowing the student to complete the sequence of graduation requirements with his/her class.

Travel for Clinical Experiences

Students participating in the curriculum are required to receive instruction in a clinical setting. As a result, it will be necessary for students to arrange for transportation to and lodging near clinical facilities. Noorda-COM does not provide for the cost of transportation or lodging. Travel arrangements are the sole responsibility of the student. Students are not considered agents

or employees of Noorda-COM and are not insured for any accidents or mishaps that may occur during any travel to and/or from educational activities unless the travel is completed as a group in direct supervision of a Noorda-COM official and in direct connection to the educational and/or Noorda-COM sponsored event. Students are responsible for all out-of-pocket expenses associated with clinical education, such as transportation, housing, meals, professional attire, laboratory fees, etc.

Third- and Fourth-Year Clerkship Registration

The Office of the Registrar in collaboration with the Clinical Education department to register students. All clerkship registrations will be completed by April 15 of the term before the beginning the clerkship. Clerkship registration changes will be handled by Clinical Education. Clinical Education will complete a course change form with the Office of the Registrar.

Elective and Sub-Internship Clerkship Information

The mission of the Clerkship Electives Program is to prepare students for entry into clinical practice through elected experiences that complement and extend the training gained in required core clerkships. These elected experiences will facilitate broad-based reflection on career goals and choice while also enhancing skills in patient assessment, evaluation and treatment.

Goals

Electives provided by Noorda COM and affiliated partner institutions will:

- Prepare students to confidently and competently assess patients with undifferentiated disease; identify medical problems; and diagnose, treat and communicate findings to the patient;
- Assist students in selecting a career focus and identify programs which match career goals;
- Facilitate student understanding of the role of the physician in patient care and community health; and
- Prepare students for entry into clinical training programs.

The following list of elective and sub-internship clerkships are designed to provide students with clinical exposure, observation, and training to further their understanding within a selected area of interest as specified in the course title. These experiences take place in a wide variety of clinical, office and hospital settings presenting unique opportunities with regard to the spectrum of clinical situations encountered. Learning is enhanced with specific goals and learning objectives. Core elective clerkship syllabi with detailed course descriptions are available in the Curriculum section of Noorda COM's website.

Sub-internships are restricted to fourth-year students and are designed to provide the student with an increased level of patient care responsibility. Students serve as the primary care provider under the direct supervision of the attending physician or faculty and may perform simple diagnostic procedures. Training focuses on self-education and includes more advanced study of the discipline. Sub-internships must be completed as full block experiences. These clerkships are awarded 2.0-4.0 semester credits.

Electives are generally completed as full-block experiences and are awarded 4 semester credits.

Students may obtain special permission to participate in up to two two-week electives and be awarded 2.0 semester credits for each experience. Exceptions to credit values are rarely made and only in extenuating circumstances, as approved by the Dean.

List of Electives and Sub-Internships

Course ID	Title	Course ID	Title
ANES 401e/402s	Anesthesiology (E) or (Sub-I)	PATH 403e/403s	Clinical Pathology (E) or (Sub-I)
ANES 402e/402s	Pain Management (E) or (Sub-I)	PATH 404e/404s	Forensic Pathology (E) or (Sub-I)
CLMD 401e	Healthcare Improvement (E)	PATH 405e/405s	Hematopathology (E) or (Sub-I)
CLMD 402e	Healthcare Management and Public Health Policy (E)	PATH 406e/406s	Toxicology (E) or (Sub-I)
CLMD 403e	Integrated Medicine (E)	PEDS 401e/401s	Adolescent Medicine (E) or (Sub-I)
CLMD 404e	Medical Informatics (E)	PEDS 402e/402s	Community Pediatrics/Inpatient Hosp (E) or (Sub-I)
FMED 401e	Community Medicine (E)	PEDS 404e/404s	General Pediatrics /Outpatient (E) or (Sub-I)
FMED 402e/402s	Family Medicine (E) or (Sub-I)	PEDS 405e/405s	Neonatology (E) or (Sub-I)
FMED 403e/403s	Geriatrics (E) or (Sub-I)	PEDS 406e/406s	Pediatric Allergy/Immunology (E) or (Sub-I)
FMED 404e/404s	Hyperbaric Medicine/Wound Care (E) or (Sub-I)	PEDS 407e/407s	Pediatric Cardiology (E) or (Sub-I)
FMED 301e*	International Community Medicine Independent Study (E)	PEDS 408e/408s	Pediatric Critical Care Medicine (E) or (Sub-I)
FMED 302e*	International Community Medicine (E)	PEDS 409e/409s	Pediatric Dermatology (E) or (Sub-I)
FMED 405e	Travel Medicine (E)	PEDS 410e/410s	Pediatric Emergency Medicine (E) or (Sub-I)
FMED 406e/406s	Physical Medicine and Rehabilitation (E) or (Sub-I)	PEDS 411e/411s	Pediatric Endocrinology/Metabolism (E) or (Sub-I)
FMED 408e/408s	Rural/Underserved Primary Care II (E) or (Sub-I)	PEDS 412e/412s	Pediatric Gastroenterology (E) or (Sub-I)
FMED 409e/409s	Sports Medicine (E) or (Sub-I)	PEDS 413e/413s	Pediatric Genetics (E) or (Sub-I)
GENE 499e	Medical Genetics Research (E)	PEDS 414e/414s	Pediatric Hematology/Oncology (E) or (Sub-I)
IDIS 400e**	Clinical Independent Study (E)	PEDS 415e/415s	Pediatric Infectious Disease (E) or (Sub-I)
IDIS 404e	Bioethics (E)	PEDS 416e/416s	Pediatric Nephrology (E) or (Sub-I)
IMED 401e/401s	Allergy/Immunology (E) or (Sub-I)	PEDS 417e/417s	Pediatric Neurology (E) or (Sub-I)

IMED 402e/402s	Addiction Medicine (E) or (Sub-I)	PEDS 418e/418s	Pediatric Pulmonary Medicine (E) or (Sub-I)
IMED 403e/403s	Cardiology (E) or (Sub-I)	PEDS 419e	Pediatric Rehabilitation (E)
IMED 404e/404s	Critical Care Medicine (E) or (Sub-I)	PEDS 420e/420s	Pediatric Rheumatology (E) or (Sub-I)
IMED 405e/405s	Dermatology (E) or (Sub-I)	PMED 401e	Aerospace/Aviation Medicine (E)
IMED 406e	Electrocardiogram Interpretation (E)	PMED 402e	Environmental Health (E)
IMED 407e/407s	Endocrinology/Metabolism (E) or (Sub-I)	PMED 403e	General Preventive Medicine (E)
IMED 408e/408s	Gastroenterology (E) or (Sub-I)	PMED 404e/404s	Occupational Medicine (E) or (Sub-I)
IMED 409e/409s	General Internal Medicine-Outpatient (E) or (Sub-I)	PMED 405e	Public Health (E)
IMED 411e/411s	Hematology/Oncology (E) or (Sub-I)	PSYC 401e/401s	General Psychiatry (E) or (Sub-I)
IMED 412e/412s	Hospice/Palliative Care (E) or (Sub-I)	PSYC 402e/402s	Pediatric Psychiatry (E) or (Sub-I)
IMED 413e/413s	Infectious Diseases (E) or (Sub-I)	RADI 402e/402s	General Radiology (E) or (Sub-I)
IMED 414e/414s	Internal Medicine – Hospital/inpatient (E) or (Sub-I)	RADI 403e/403s	Interventional Radiology (E) or (Sub-I)
IMED 414e/414s	Internal Medicine – Hospital/inpatient (E) or (Sub-I)	RADI 404e	Nuclear Medicine (E)
IMED 415e/415s	Medical Genetics (E) or (Sub-I)	RADI 405e/405s	Pediatric Radiology (E) or (Sub-I)
IMED 416e/416s	Nephrology (E) or (Sub-I)	RADI 406e/406s	Radiation Oncology (E) or (Sub-I)
IMED 417e/417s	Neurology (E) or (Sub-I)	SURG 401e/401s	Cardiovascular/Thoracic Surgery (E) or (Sub-I)
IMED 418e/418s	Pulmonary Medicine (E) or (Sub-I)	SURG 402e/402s	Colorectal Surgery (E) or (Sub-I)
IMED 419e/419s	Rheumatology (E) or (Sub-I)	SURG 403e/403s	General Surgery (E) or (Sub-I)
IMED 420e	Sleep Medicine (E)	SURG 404e/404s	Neurosurgery (E) or (Sub-I)
OBGY 401e	General Gynecology (E)	SURG 405e/405s	Ophthalmology (E) or (Sub-I)
OBGY 402e/402s	General Obstetrics (E) or (Sub-I)	SURG 406e/406s	Orthopedic Surgery (E) or (Sub-I)
OBGY 403e/403s	General Obstetrics/Gynecology (E) or (Sub-I)	SURG 407e/407s	Otolaryngology/ENT (E) or (Sub-I)
OBGY 404e/404s	Gynecologic Oncology (E) or (Sub-I)	SURG 408e/408s	Pediatric Surgery (E) or (Sub-I)
OBGY 405e/405s	Maternal Fetal Medicine/Genetics (E) or (Sub-I)	SURG 409e/409s	Plastic Surgery (E) or (Sub-I)
OBGY 406e	Reproductive Endocrine (E)	SURG 410e	Podiatry/Foot Ankle (E)
OCS 401e/401s	Osteopathic Manipulation (E) or (Sub-I)	SURG 411e/411s	Transplant Medicine (E) or (Sub-I)
PATH 401e/401s	Anatomic Pathology (E) or (Sub-I)	SURG 412e/412s	Trauma Surgery (E) or (Sub-I)
PATH 402e	Blood Banking (E)	SURG 413e/413s	Urology (E) or (Sub-I)
		SURG 414e/414s	Vascular Surgery (E) or (Sub-I)

Degree Requirements-COM2025

OMSI	CEPA 101	Core Entrustable Professional Activities I	7.00
OMSI	OMED 102	Introduction to Osteopathic Principles and Philosophy	3.50
OMSI	OMED 103	Foundations of Medicine	6.00
OMSI	OMED 104	Structure and Function	8.00
OMSI	CEPA 102	Core Entrustable Professional Activities II	11.00
OMSI	OMED 105	Inherent Abilities	6.00
OMSI	OMED 106	Mechanisms of Disease	6.00
OMSI	CUM Exam	Cumulative Exam (Required)	0.00
OMSII	OMED 200	Longitudinal Community Medicine	4.00
OMSII	CEPA 201	Core Entrustable Professional Activities III	5.00
OMSII	OMED 202	Neuroscience	6.00
OMSII	OMED 203	Endocrine	2.00
OMSII	OMED 204	Reproduction and Development	4.00
OMSII	OMED 205	Skin, Blood, Lymph	4.00
OMSII	OMED 206	Renal	2.00
OMSII	OMED 201	Longitudinal Community Medicine	4.00
OMSII	CEPA 202	Core Entrustable Professional Activities IV	5.00
OMSII	OMED 207	Cardiopulmonary	8.00
OMSII	OMED 208	Gastrointestinal	2.00
OMSII	OMED 209	Musculoskeletal	4.00
OMSII	OMED 210	Surgery	2.00
OMSII	OMED 211	Pediatrics	2.00
OMSII	OMED 212	Transitions to Clinical Care	0.50
OMSII	OMED 213	Clinical Management I	0.50
OMSIII	CEPA 301	Core Entrustable Professional Activities V	2.00
OMSIII	OMED 301	Clinical Management II	0.50
OMSIII	FMED 301	Family Medicine	6.00
OMSIII	IMED 301	Internal Medicine	6.00
OMSIII	OBGY 301	Obstetrics and Gynecology	6.00
OMSIII	CEPA 302	Core Entrustable Professional Activities VI	2.00
OMSIII	PEDS 301	Pediatrics	6.00
OMSIII	PSYC 301	Psychiatry	6.00
OMSIII	SURG 301	Surgery	6.00
OMSIV	EMED 401	Emergency Medicine	6.00
OMSIV	CEPA 401	Core Entrustable Professional Activities VII	2.00

OMSIV Elective 1	Elective 1	4.00
OMSIV Elective 2	Elective 2	4.00
OMSIV Elective 3	Elective 3	4.00
OMSIV Elective 4	Elective 4	4.00
OMSIV CAP 402	Capstone	1.00
OMSIV CEPA 402	Core Entrustable Professional Activities VIII	2.00
OMSIV Elective 5	Elective 5	4.00
OMSIV Elective 6	Elective 6	4.00
OMSIV Sub-I	Sub-I	4.00
OMSIV Sub-I	Sub-I	4.00

The degree awarded upon completion of the above 186 units is **Doctor of Osteopathic Medicine**. Students participating in tracks may have additional units requirements.