

Curriculum: Tracks and Fellowships

Tracks

Noorda-COM offers four (4) distinct tracks for medical students seeking to specialize in the areas of research and rural and military medicine. Each track has its own application and completion requirements.

Military Medicine

The Noorda-COM Military Medicine track is a specialized curriculum designed to equip medical students with skills critical to becoming a military physician. This track is designed for Health Professions Scholarship Program (HPSP) recipients and for National Guard members who will serve as military physicians in any branch of the armed forces.

The Military Medicine track extends through all four years of medical school. Students engaged in this track will gain experiences through:

- Lecture and didactic presentations that bring military medicine expertise to campus
- Anatomy, surgical skill lab and simulation sessions
- Formal training and electives including disaster medicine (ATLS, ADLS, AWLS)

Requirements

OMS-I		
MIMD 101	Military Medicine	1 credit
MIMD 102	Military Medicine	1 credit
OMS-II		
MIMD 201	Military Medicine	1 credit
MIMD 202	Military Medicine	1 credit
OMS-III		
Rural Medicine Rotation		6 credits
OMS-IV		
Emergency Medicine Rotation		6 credits
One (1) Specialty Rotation at Military/VA Location		4 credits
Total		20 credits

Research

Research and scholarly activity are central to medical education and are incorporated across the Noorda-COM curriculum.

For medical students who want to continue and focus on their research endeavors, Noorda-COM offers a Research track. The Noorda-COM Research track curriculum specializes in the areas of research in clinical medicine and provides opportunities for students to engage in their research interests.

The Research track extends through all four (4) years of medical school. Students engaged in this track will gain research acumen through:

- Mentored research experiences
- Advanced research coursework
- Human and animal research
- Biostatistics
- Ethics
- Technique specific training
- Research presentation
- Figure preparation
- Scientific writing

Requirements

RSCH 101	Journal Club	3 credits (minimum)
RSCH 499*	Research Practicum	8 credits
See Course Information section of Catalog for Research Elective options	Research Electives	6 credits
Total		17 credits

*RSCH 499 is offered during the summer of the first year of medical school. Students who want to engage in the research track must take the course during the first summer.

Rural Medicine

The Noorda-COM Rural Medicine track is designed to give students experiences serving in rural, underserved areas.

Requirements

OMS-I & OMS-II Two (2) electives minimum must be taken	MSK 101e	Ultrasound	.5 credit
	IDIS 204e	Leadership in Health Promotion	.5 credit
	IDIS 106e	Health Policy	1 credit
	FMED 101e	Basic Disaster Life Support	.5 credit
	FMED 204e	Advanced Case Presentations in Clinical Medicine	.5 credit
OMS-III	FMED 301	Family Medicine (Required, Rural Setting)	6 credits
OMS-IV Required Course	EMED 401	Emergency Medicine (Required, Rural Setting)	6 credits
OMS-IV Students choose one (1)	FMED 408e	Rural/Underserved Primary Care (E)	4 credits
	FMED 408s	Rural/Underserved Primary Care (S)	4 credits
Total			17 (minimum)

Additional Requirements

- Certification in Basic Wilderness Life Support
- Participation in Rural Health electives track lecture series and club activities.

Global Health

The goal of the Global Health Track is to provide meaningful opportunities for our students to immerse themselves into a healthcare system in an international setting. This experience provides insight into global healthcare disparities and equips students to serve in low-resource and cross-cultural communities.

Program Structure

Any time after the first year at Noorda-COM, students may participate in FMED301e, International Medicine and Public Health. This is a course offered through the Institute for International Medicine ([INMED](#)) which is an 8-week virtual course with one 2 hour class and assignment due weekly. Scheduling of this course will occur directly through INMED.

After FMED301e has been completed and in the Spring of fourth year, students may register for FMED302e, International Service-Learning experience. Please see the INMED website for available [sites](#).

INMED cooperates with numerous health facilities to provide INMED learners with exceptional educational experiences. Site selection is done with attention to safety, accessibility, instructor credentials, ease of communications, and the evaluations of former learners.

NOTE: Not all sites are available or ideally suited to all learners. INMED will assist applicants in selecting an optimum location. INMED is closely following the COVID-19 pandemic and will schedule International Service-Learning accordingly.

When both FMED 301e and FMED302e are satisfactorily completed, the student will complete the Global Health Track and will be able to demonstrate through simulation and actual professional practice:

- Management and prevention of the leading diseases of poverty
- Management and prevention of HIV infection
- Care for the health of pregnant women and newborns
- Proficiency in clinical skills useful in low-resource settings
- Skill in community-wide health promotion and death/disability prevention
- Culturally appropriate healthcare
- Proficiency in disaster mitigation and response
- Design and implementation of team-lead healthcare interventions
- Transfer of healthcare skills to other personnel

*****Additional fees will be required for registration of both courses. Please work with the Financial Aid Department before attempting to register*****

Requirements

FMED301e	International Medicine and Public Health	2 credits
FMED302e**	International Service-Learning Experience	2-8 credits
Total		4-10 credits

**FMED301e is a required pre-requisite for FMED302e.