

Pre-Pharmacy at Stark State College
Effective Spring 2025

The following Stark State College courses meet the prerequisites for admission to the College of Pharmacy at Northeast Ohio Medical University:

NEOMED College of Pharmacy Required Pre-Professional Courses (Minimum 63 Semester Hours Required)	Stark State College Course Equivalent (Credit Hours in Parenthesis)	
Biology and Other Life Science Sequence with Lab (8)	<ul style="list-style-type: none"> ▪ BIO141 General Biology I (4) ▪ BIO142 General Biology II (4) 	
General/Inorganic Chemistry Sequence with Lab (8)	<ul style="list-style-type: none"> ▪ CHM141 General Chemistry I (5) ▪ CHM142 General Chemistry II (5) 	
Organic Chemistry Sequence with Lab (8)	<ul style="list-style-type: none"> ▪ CHM241 Organic Chemistry I (5) ▪ CHM242 Organic Chemistry II (5) 	
Microbiology Requirement (3)	<ul style="list-style-type: none"> ▪ BIO221 Principles of Microbiology (4) 	
Anatomy and Physiology (3)	<ul style="list-style-type: none"> ▪ BIO123 Principles of Human Structure and Function (5) <p>OR</p> <ul style="list-style-type: none"> ▪ BIO121 Anatomy & Physiology I (4) <p>AND</p> <ul style="list-style-type: none"> ▪ BIO122 Anatomy & Physiology II (4) 	
General Physics Requirement (3)	<ul style="list-style-type: none"> ▪ PHY101 Principles of Physics (4) <p>OR</p> <ul style="list-style-type: none"> ▪ PHY121 College Physics I with Algebra (4) <p>AND</p> <ul style="list-style-type: none"> ▪ PHY122 College Physics II with Algebra (4) 	
Biochemistry Requirement (3)	<ul style="list-style-type: none"> ▪ CHM243 Biochemistry I (3) 	
Calculus or College Algebra Requirement (3)	<ul style="list-style-type: none"> ▪ MTH125 College Algebra (4) <p>OR</p> <ul style="list-style-type: none"> ▪ MTH223 Analytic Geometry – Calculus I (4) 	
Statistics Requirement (3)	<ul style="list-style-type: none"> ▪ MTH124 Statistics (3) 	
Composition Sequence (6)	<ul style="list-style-type: none"> ▪ ENG124 College Composition (3) ▪ ENG231 College Composition II (3) 	
	Required by NEOMED College of Pharmacy	Recommended by Stark State College
General Education Electives (15)	ANY General Education Electives ANY Additional Science Electives	Please see the Associate of Science Pre-Medical Professional Concentration curriculum sheet and select courses from the following categories: <ul style="list-style-type: none"> ▪ Written & Oral Communication ▪ Arts & Humanities ▪ Concentration Electives

For additional information regarding the Stark State College pre-pharmacy program, please contact Edmund Priddis, Biology Department Chair at 330-494-6170 x 4489 or epriddis@starkstate.edu

For additional information regarding NEOMED College of Pharmacy, please contact the Office of Enrollment Services at 330.325.6270 or visit our prospective student portal at <http://discover.neomed.edu>