

Pre-Pharmacy at Stark State College
Effective Summer 2019

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) | |
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| 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) OR ▪ BIO121 Anatomy & Physiology I (4) AND ▪ BIO122 Anatomy & Physiology II (4) | |
| General Physics Requirement (3) | <ul style="list-style-type: none"> ▪ PHY101 Principles of Physics (4) OR ▪ PHY121 College Physics I with Algebra (4) AND ▪ PHY122 College Physics II with Algebra (4) | |
| Biochemistry Requirement (3) | <ul style="list-style-type: none"> ▪ CHM243 Biochemistry I (3) ▪ CHM244 Biochemistry II (3) <i>(Optional but Recommended)</i> | |
| Calculus Requirement (3) | <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 Dr. Monica Miklo, Coordinator, Biology at 330-494-6170 x 4622 or mmiklo@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>