

PRE-PHARMACY

Associate in Science

Note: Courses listed on degree plan are suggested. Students should consult with their advisor concerning their unique transfer decisions.

Total Degree Credits

74

Course	Title	Credits
1st Year		
Written Communications		
ENGL 110	College Composition I	3
ENGL 120	College Composition II	3
Electives (Required)		
BIOL 150	General Biology I	3
BIOL 150L	General Biology I Lab	1
BIOL 151	General Biology II	3
BIOL 151L	General Biology II Lab	1
MICR 202	Introductory Microbiology	3
MICR 202L	Introductory Microbiology Lab	1
Enrichment		
Enrichment Course Matrix		2
Math, Science & Technology		
CHEM 121	General Chemistry I	4
CHEM 121L	General Chemistry I Lab	1
CHEM 122	General Chemistry II	4
CHEM 122L	General Chemistry II Lab	1
MATH 146	Applied Calculus I	3
Social & Behavioral Sciences		
ECON 201	Principles of Microeconomics	3
		Credits
		36
2nd Year		
Math, Science & Technology		
MATH 210	Elementary Statistics	3
Arts & Humanities		
General Education Matrix (Arts & Humanities)		3
General Education Matrix (Arts & Humanities)		3
Oral Communications		
COMM 110	Fundamentals of Public Speaking	3
Electives (Required)		
BIOL 220	Anatomy and Physiology I ¹	3
BIOL 220L	Anatomy and Physiology I Lab ¹	1
BIOL 221	Anatomy and Physiology II ¹	3
BIOL 221L	Anatomy and Physiology II Lab ¹	1
CHEM 241	Organic Chemistry I	4
CHEM 241L	Organic Chemistry I Lab	1
CHEM 242	Organic Chemistry II	4
CHEM 242L	Organic Chemistry II Lab ²	1
PHYS 211	College Physics I	4
PHYS 211L	College Physics I Lab ²	1
Social & Behavioral Sciences		

General Education Matrix (Social & Behavioral Sciences courses)	3
Credits	38
Total Credits	74

1

BIOL 220/BIOL 220L and BIOL 221/BIOL 221L must be completed at the same institution for transfer.

2

CHEM 242L and PHYS 211L are recommended to be taken with the corresponding lecture courses. However, these laboratory courses are not required as part of the North Dakota State University's School of Pharmacy pre-professional curriculum.

This curriculum has been developed based on the suggested pre-professional curriculum of North Dakota State University's School of Pharmacy. Students planning to transfer to NDSU should regularly check the School of Pharmacy's most current curriculum. Students planning to transfer to a pharmacy school other than NDSU should refer to that institution's catalog and modify this curriculum accordingly.

College Degree Requirements

General Education & Diversity Course Matrix Requirements