Optometry Transfer

The Optometry transfer curriculum plan students generally major in an area of science. Students should keep in mind, however, not all optometric school applicants are accepted. Therefore, it is important to select a major that will prepare you to pursue alternative career goals for occupational flexibility.

The optometric schools in the United States have no uniform requirements for pre-professional study. They do, however, recommend a bachelor's degree and a broad, general education that includes basic science requirement and the development of skills in reading, writing, and speaking. Course work must be completed in biology/zoology, general chemistry, organic chemistry, physics, mathematics, and English. It is also noted that most, if not all, schools require anatomy and physiology, biochemistry, and microbiology. A student should contact the college or university of their choice to confirm a list of recommended courses.

Students are chosen for admission to optometric school primarily on the basis of their undergraduate grades, scores on the Optometry College Admission Test, and letters of recommendation.

Students entering the Optometry transfer curriculum plan who do not have the proper prerequisites may need additional preparatory classes.

The Optometry plan provides preparation for the professional curriculum. This plan also meets the Liberal Arts Program Purposes listed in the NDSCS Catalog.

In addition to the Optometry transfer curriculum plan, other programs a student may transfer into are biology, microbiology, chemistry, biochemistry, and natural science.

Admission Requirements

The applicants must be high school graduates or equivalent. Helpful courses to prepare for this program are biology, computer science, chemistry, zoology, mathematics, physics, and English. Courses that develop reading and communications skills and two years of a foreign language, if available, also are recommended. Applicants may be required to complete a basic skills evaluation during the admissions process.

Award

Upon successful completion of the required courses, students will be awarded an Associate in Science degree in Liberal Arts.

Course Code | Course Title                  | Credits
-----------|------------------------------|--------
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
CHEM 121   | General Chemistry I          | 4
CHEM 121L  | General Chemistry Laboratory | 1
CHEM 122   | General Chemistry II         | 4
CHEM 122L  | General Chemistry II Laboratory | 1
CHEM 241   | Organic Chemistry I          | 4
CHEM 241L  | Organic Chemistry Laboratory | 1
CHEM 242   | Organic Chemistry II         | 4
CHEM 242L  | Organic Chemistry II Laboratory | 1
COMM 110   | Fundamentals of Public Speaking | 3
ENGL 110   | College Composition I        | 3
ENGL 120   | College Composition II       | 3
FYE 101    | Science of Success          | 1
MATH 165   | Calculus I                   | 4
PHYS 211   | College Physics I            | 3
PHYS 211L  | College Physics I Lab        | 1
PHYS 212   | College Physics II           | 3
PHYS 212L  | College Physics II Lab       | 1
PHYS 251   | University Physics I (4)     | 3
PHYS 251L  | University Physics I Lab (1) | 1
PHYS 252   | University Physics II (4)    | 3
PHYS 252L  | University Physics II Lab (1)| 1

Computer Information System Elective
Any course marked ND:COMPSC

Humanities/History Electives
From two different prefixes within the categories marked ND:HUM or ND:HIST

Social and Behavioral Science Electives
From two or more prefixes within the category marked ND:SS

Wellness Elective(s)

Total Required Credits 68

This curriculum meets the North Dakota University System general education requirements as indicated in the NDSCS Catalog under the heading NDUS: General Education Transfer Agreement.

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