

# FERRIS STATE UNIVERSITY

## MICHIGAN COLLEGE OF OPTOMETRY

### TRANSFER GUIDE RECOMMENDED PRE-OPTOMETRY CURRICULUM WAYNE STATE UNIVERSITY

Applicants to the Michigan College of Optometry must complete a minimum of 90 semester hours or 135 quarter term hours of college or university education or have earned a baccalaureate degree. Pre-professional college/ university courses must include completion of the following pre-optometry requirements with a grade of C or better.

Catalog 2024-25

Ferris State University Michigan College of Optometry is accredited by the Accreditation Council on Optometric Education to offer the Doctor of Optometry (O.D.) program. The courses listed below are the ones that best meet the pre-optometry requirements for our program. Similar or more advanced courses may be acceptable. However, their acceptance should be determined in advance.

#### **PRE-OPTOMETRY REQUIREMENTS**

##### **GENERAL BIOLOGY**

One academic year with laboratory

##### **MICROBIOLOGY**

One course with laboratory

##### **INORGANIC CHEMISTRY**

One academic year with laboratory

##### **ORGANIC CHEMISTRY**

One course with laboratory

##### **BIOCHEMISTRY**

One course

##### **GENERAL PHYSICS** (non-calculus

based) One academic year with laboratory

##### **CALCULUS I**

One course

##### **STATISTICS**

One course

##### **GENERAL PSYCHOLOGY**

One course

#### **RECOMMENDED COURSE(S)**

**BIO 1500 & 1501**

**BIO 1510 & 1511**

**BIO 2270 & 2271**

**CHM 1100 & CHM 1130**

**CHM 1140 & CHM 1150**

**CHM 1240 & CHM 1250 or**

**CHM 2220 & CHM 2230**

**CHM 5600 or BIO 3100**

**PHY 2130 & PHY 2131**

**PHY 2140 & PHY 2141**

**MAT 2010 or 3430**

**STA 1020 or 2210 or**

**PSY 2030 or PSY 5100 or PH 3200**

**PSY 1010 OR PSY 1020**

## Additional required courses for individuals applying without a baccalaureate degree:

### ENGLISH/COMPOSITION

One academic year

### ENG 1020

ENG 2000 LEVEL (Open Choice)

### BEHAVIORAL SCIENCE (SOCIAL AWARENESS)

Six semester hours in addition to the general psychology course above. (Behavioral Sciences include: Anthropology, Economics, Geography, Political Science, Psychology, Social Science or Sociology.)

✚ Choose two social awareness courses, in at least two different subject areas

✚ One of the social awareness courses must be at the 200-level or higher.

### HUMANITIES (CULTURAL ENRICHMENT)

Nine semester hours (Humanities includes: Art, Drama, Foreign Language, History, Literature, Music, Philosophy and Theology, Religion, Theatre, Architecture, Art History, Creative Writing.)

✚ Choose three cultural enrichment courses, with at least one course at the 200-level or higher. No more than five semester hours in music, studio arts or theater activities courses may apply to this requirement.

**In order to enhance your application the following courses are suggested but not required:**

Business management or accounting

Physiology Anatomy

Embryology/Developmental Biology

Genetics

Speech

Biochemistry

### B.S. IN VISION SCIENCE

Those applying without a bachelor's degree, but wishing to seek the B.S. in Vision Science degree offered by MCO as an interim degree, will be required to complete an Advanced English/Writing course (**ENG 3010 or 3020**) and Speech course (**COM 1010**) in addition to the other required English, Humanities and Behavioral Science courses.

### APPLICATION

The majority of Biology, Chemistry, Math and Physics courses need to be completed prior to the February 1 application deadline so appropriate comparisons can be made between applicants. Advanced Placement (AP)/CLEP credits can be applied towards meeting the admissions requirements for the Michigan College of Optometry.

Applicants to MCO (Michigan College of Optometry) are required to take the OAT (Optometry Admissions Test). The OAT is a specialized test, which helps identify qualified applicants to optometry colleges by measuring general academic ability and scientific knowledge necessary for successful completion of Doctor of Optometry degree. The OAT must be taken prior to the February 1 application deadline. Additional information for application and administration of the test can be found directly at <http://www.opted.org>.

The evaluation of candidates will take into consideration (1) the completion of the required pre-optometry courses, (2) academic performance, specifically, as measured by the grades obtained in chemistry, biology, mathematics, physics and generally, by the grades achieved in all pre-optometry courses, and (3) performance on the OAT. Other factors that are considered include motivation for the study and practice of optometry and demonstration of communication skills that could include optometry practice experience, preparation of a writing sample, participation in an interview and letters of reference. Visit <http://www.ferris.edu/mco> for further information on admissions.

#### For further information contact:

Michigan College of Optometry  
1310 Cramer Circle, PEN 402  
Big Rapids, MI 49037  
231-591-3703  
[askmco@ferris.edu](mailto:askmco@ferris.edu)

#### Admissions Office

800.433.7747

#### Housing

231.591.3745

#### Visit the FSU Websites

<http://www.ferris.edu>

<http://www.ferris.edu/mco>

#### University General Information

1.800.4.FERRIS

#### Financial Aid

800.940.4243

#### Business Office

231.591.2125