Optometrists are concerned with the diagnosis, treatment, and prevention of abnormalities associated with the visual system. Doctors of Optometry (O.D.) evaluate the refractive status of the eye, as well as the selection, design, provision, and adaptation of corrective measures for the eye. Optometrists provide patient care in private offices, group practices, health maintenance organizations, and hospital outpatient clinics. They may also work in conjunction with ophthalmologists. Optometrists may also be involved in work place design, and even the creation of highway lighting and marking systems. The median annual salary (year 2008) is $117,000 for those in private practice.

Students may elect to major in any chosen field. However, there are certain required courses which a student must complete prior to admission to optometry school. To apply to optometry school, students should:

1) Complete the prerequisites listed on the opposite side as part of their chosen degree plan.

2) Register for and score competitively on the Optometry Admission Test. The OAT should be completed no later than the fall preceding entry to the program.

3) Obtain relevant volunteer experience with an Optometrist.

4.) Complete and submit the application to the application service, OptomCAS. Applications are typically due in February of the calendar year the student plans to attend. However, students are urged to apply as early as possible.
PREREQUISITES

<table>
<thead>
<tr>
<th>Course</th>
<th>Acceptable Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math (a 2nd math is required for U of H)</td>
<td>MATH 131, 151, or 171</td>
</tr>
<tr>
<td>Physics &amp; Lab (Mechanical)</td>
<td>PHYS 201 or 218</td>
</tr>
<tr>
<td>Physics &amp; Lab (Electrical)</td>
<td>PHYS 202 or 208</td>
</tr>
<tr>
<td>Statistics with Research Design</td>
<td>STAT 301, 302 or 303</td>
</tr>
<tr>
<td>Psychology</td>
<td>PSYC 107</td>
</tr>
<tr>
<td>General Chemistry &amp; Lab</td>
<td>CHEM 101/111</td>
</tr>
<tr>
<td>General Chemistry &amp; Lab</td>
<td>CHEM 102/112</td>
</tr>
<tr>
<td>Organic Chemistry &amp; Lab</td>
<td>CHEM 227 &amp; 237</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>BICH 410</td>
</tr>
<tr>
<td>Biology I and Lab</td>
<td>BIOL 111</td>
</tr>
<tr>
<td>Biology II and Lab</td>
<td>BIOL 112</td>
</tr>
<tr>
<td>Microbiology/Bacteriology</td>
<td>BIOL 351 or VTPB 405</td>
</tr>
<tr>
<td>English (UIW only)</td>
<td>2 semesters</td>
</tr>
<tr>
<td>8 hours upper level Biology (UHCO only)</td>
<td>Anthropology &amp; Physiology</td>
</tr>
</tbody>
</table>

Recommended:
- *Human Anatomy and Physiotherapy
- BIOL 319 & BIOL 320 or VIPS 305
- STAT 302 (3) (must be taken at TAMU)

All prerequisites and information are subject to change at any time and without notice. It is the responsibility of the applicant to remain up to date on all requirements for their TAMU major and their desired program.

APPLYING

U of H: Two letters of recommendation, prefer academic. There is a supplemental application. Average accepted GPR=3.5, OAT = 323. Due date for application is March 15th, app opens in June.

UIW: Two letters of recommendation, 1 optometrist, 1 academic. No bachelor’s degree is required. Due date for application is May 1st.

Both programs use the Optometry Central Application System and both have supplemental applications available through the program.

CURRICULUM IN NUTRITIONAL SCIENCES

GENERAL NUTRITION TRACK

**University Core Curriculum**
- **Citizenship**
  - Am. History Elective (3) (TCCN: HIST 1301)
  - Am. History Elective (5) (TCCN: HIST 1302)
- **POLS 206 (3)** (TCCN: GOVT 2305)
- **POLS 207 (3)** (TCCN: GOVT 2306)

**Communication**
- **ENGL 104 (3)** (TCCN: 1301)
- **ENGL 210 (5)** (TCCN: 2311 accepted)

**Natural Sciences**
- **CHEM 101/111 (4)** (TCCN: 1411)
- **CHEM 102/112 (4)** (TCCN: 1412)

**Language, Philosophy and Culture**
- **Language, Philosophy, and Culture Elective (3)**

**Mathematics and Statistics**
- **MATH 141 (3)** (TCCN: 1324)
- **MATH 142 (3)** (TCCN: 1325)

**Social and Behavioral Sciences**
- **PSYC 107**

**Creative Arts**
- **Creative Arts Elective (5)**

**International & Cultural Diversity**
- **3 hours**
  - (can be used to satisfy other requirements)

**Required Nutrition/Food Science Courses**
- **BIOC 319 (4)**
- **BIOC 320 (4)**

**BIOL 319 (4)**
- **BIOC 410 (5)**
- **BIOC 411 (5)**

**Chemistry**
- **CHEM 227 (3)** (TCCN: 2423)
- **CHEM 237 (1)** (TCCN: 2423)
- **CHEM 228 (3)** (TCCN: 2425)

**Technical Electives (9 hrs total)**
- **Approved Electives (3)**
- **Approved Electives (3)**

**Free Electives (9 hrs total)**
- **Free Electives**

**Writing Intensive Credits (must be NUTR/2 required)**
- **1. NUTR 481**
- **2. NUTR 450 or NUTR 469**

**Science Courses (Credit hrs)**
- **Anatomy/Physiology**
  - **BIOC 319 (4)**
  - **BIOC 320 (4)**

- **BIOC 410 (5)**
- **BIOC 411 (5)**

- **BIOC 111 (4)** (TCCN: 1406)
- **BIOC 112 (4)** (TCCN: 1407)
- **GENE 301 (4)**

**UIW ADDITIONAL COURSES**

Applying to UIW without a baccalaureate degree:
- 6 hours of Humanities- Theology, Phil, Hist, Art, Lit, Foreign Language
- 6 hours of Social/Behavioral Sciences- Soci, Psyc, Pols, Hist, Anth, Geog, Econ, Comm

Other equivalent courses required for various majors in science and engineering may be acceptable. Please consult your academic advisor for acceptability towards your degree plan and optometry programs for acceptability for their prerequisites. Students should be aware of any Texas A&M University prerequisite courses needed for each course. Courses for non-science majors are usually not accepted.