

## 3 + 4 OPTOMETRY PROGRAM

### AN ACCELERATED ARTICULATION BETWEEN SHIPPENSBURG UNIVERSITY AND PENNSYLVANIA COLLEGE OF OPTOMETRY

Students who are interested in pursuing optometry should be aware of the accelerated "3+4" agreement we have with Pennsylvania College of Optometry in Philadelphia. Qualified students may apply for admission to PCO in the Fall semester of their junior year providing they will have taken at least 90 credits of coursework required for the B.S. in Biology and the prerequisite courses for the optometry program by the end of their junior year. After successful completion of the first year at PCO, course credits will be transferred back to SU as Biology and general education electives and the student will receive his/her B.S. in Biology degree.

The four-year optometry program leads to a Doctor of Optometry degree. There are 17 optometry schools in the United States. Students who plan to apply to programs other than PCO should refer to the book, "Optometry, A Career with Vision", located in the Health Sciences Office, to determine specific course prerequisites for other schools and visit the optometry education website at: [www.opted.org](http://www.opted.org)

"3+4" pre-optometry students must complete a minimum of 90 credits before leaving SU including the General Education Categories and the core courses in Biology, Chemistry, Physics and Math. The following is a recommended sequence of courses for students desiring admission to PCO via the 3+4 articulation.

#### 1st Semester

BIO 115 Principles of Biology I	4
CHM 121 & 125 Chemical Bonding & lab	4
ENG 106 Writing Int. 1 <sup>st</sup> yr. semester	3
HIS 105 World History I	3
	14 cr.

#### 2nd Semester

BIO 116 Principles of Biology II	4
CHM 122 & 126 Chemical Dynamics & lab	4
HCS 100 Intro. Human Communications	3
HIS 106 World History II	3
	14 cr.

#### 3rd Semester

CHM 221 & 125 Organic Chem. I & lab	4
PHY 121 & 123 Intro. Physics I & lab	4
BIO 260 Genetics	3 <-->
MTH 102 Statistics (or MTH 170)	3 <-->
PSY 101 Gen. Psychology	3 <-->
	17 cr.

#### 4th Semester

CHM 222 & 226 Organic Chem. II & lab	4
PHY 122 & 125 Intro. Physics II & lab	4
BIO 220 Microbiology	3
Cat. B elective	3
Cat. D elective	3
	17 cr.

#### Summer between 2nd & 3rd year:

The 3+4 PCO applicant should prepare to take the Optometry Admissions Test in mid-summer and apply to PCO in early fall (September). Visit the optometry education website: [www.opted.org](http://www.opted.org) to learn more about the OAT, when it is offered, and how to register for this exam.

#### 5th Semester

BIO 385 Cell Biology	3
MTH 211 Calculus I	4
BIO 371 Human Anatomy	4
CHM 301 Biochemistry	3
Cat. B elective	3

#### 6th Semester

BIO 30- Biology Seminar	1
BIO 350 Human Physiology	4
Cat. E elective	3
Cat. D elective	3
Cat. B elective	3

17 cr.

14 cr.