

Cleveland State University  
College of Health  
Associate of Applied Science in Optical Technology Pathway to Bachelor of Science in Health Science

SUGGESTED SEQUENCE AT TRI-C	
Summer Start	Credits
ENG 1010 College Composition I	3
MATH 1410 Elementary Probability and Statistics I	3
OPT 1100 Introduction to Optical Technology	1
PSY 1010 General Psychology	3
<b>Total</b>	<b>10</b>

First Semester	Credits
BIO 1230 Anatomy and Physiology of the Eye	4
OPT 1310 Theoretical Optics I	2
OPT 1400 Introduction to Fabrication Principles	1
OPT 1411 Basic Spectacle Fabrication	1
OPT 1510 Optical Dispensing I	3
OPT 1610 Contact Lens I	2
<b>Semester Total</b>	<b>13</b>

Second Semester	Credits
OPT 1320 Theoretical Optics II	2
OPT 1421 Advanced Spectacle Fabrication	1
OPT 1520 Optical Dispensing II	3
OPT 1621 Contact Lens II	2
PHYS 1300 Physics of Optical Materials	4
<b>Semester Total</b>	<b>12</b>

Third Semester	Credits
OPT 1710 Introduction to Patient Care	3
OPT 2501 Optical Business	3
OPT 2550 Advanced Optical Dispensing Lab	1
OPT 2620 Advanced Contact Lens Theory	1
OPT 2650 License Review Spectacle	1
OPT 2940 Optical Field Experience I	2
OPT 2972 Optical Field Experience Seminar I	2
<b>Semester Total</b>	<b>13</b>

Fourth Semester	Credits
OPT 2660 License Review Contact Lens	1
OPT 2702 Refractometry	2
OPT 2950 Optical Field Experience II	2
OPT 2981 Optical Field Experience Seminar II	3
ENG 1020 College Composition II	3
PHIL 2050 Bioethics	3
<b>Semester Total</b>	<b>14</b>
<b>Associate of Applied Science Degree Awarded</b>	<b>62</b>

Honors courses are acceptable where available

Pre-requisites: College-ready in Math and English.

2 years of the same foreign language completed in high school  
Students who do not meet these pre-requisites may need to complete additional credits.

\*Once an associate degree is earned, additional courses taken at Tri-C may not be eligible for financial aid. Please see Financial Aid for details.

*New college students may be required during their first semester to participate in GEN 1070, First Year Success Seminar, a one credit hour course. See a Tri-C Counselor for details.*

CSU DEGREE REQUIREMENTS	
*Courses to be taken through CSU or Tri-C	Credits
**Math	3
HSC 203 Medical Terminology (MA 1010 or 1020 at Tri-C)	1
**Social and Behavioral Science (Cannot be from PSY)	3
**Arts and Humanities (Cannot be from PHIL)	3
**Natural Science	3
General Elective	3
General Elective	3
General Elective	3
General Elective	3
General Elective	3
General Elective	1
<b>Total</b>	<b>28</b>

MUST BE TAKEN THROUGH CSU	
First Semester	Credits
HSC 305 Culture and Health Care	3
Area of Emphasis Elective	3
Area of Emphasis Elective	3
Area of Emphasis Elective	3
Writing Across the Curriculum	3
<b>Semester Total</b>	<b>15</b>

Second Semester	Credits
Health Science Capstone	3
Writing Across the Curriculum-within major	3
Area of Emphasis Elective	3
Upper Division Elective	3
Upper Division Elective	3
<b>Semester Total</b>	<b>15</b>
<b>Bachelor of Science in Health Science Awarded</b>	<b>120</b>

\*\* Refer to the transfer guide for Tri-C options:  
<https://www.csuohio.edu/transfer-guides/tric-health>

A grade of C or higher is required in English Composition courses and all Health Science major requirements.

Students who plan to complete an AAS at Tri-C, then transfer to CSU to complete the BSHS are encouraged to enroll in the Tri-C/CSU Dual Enrollment Admission program. This map represents one example of how to complete the AAS and BSHS degrees. Students should work closely with counselors/advisors at both institutions to discuss options.

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CSU requires a minimum of 120 total credit hours for graduation. At least 30 credits must be completed in-residence at CSU. At least 24 upper division (300/400) level credits must be earned through CSU coursework. Students deficient in total credits or in-residence must take additional elective credits to meet the minimum requirements. Depending upon other elective choices made, students may not need as many general electives as indicated above or may need additional electives.