



**Opticianry**

Associate in Science | Code: 23041 | 72 credits

**CIP (1351180100)**

**Effective Term: Fall 2224 (2247)**

The Opticianry program simultaneously prepares students for three ophthalmic health care careers: optician, optometric technician and ophthalmic medical assistant. A concentrated presentation of general education courses combined with career development and clinical experience accomplishes this multi-disciplinary approach. Among the marketable skills acquired are clinical data collection, ophthalmic fabrication and ophthalmic dispensing. The student begins working with patients during the third semester in clinics staffed by ophthalmologists, optometrists and opticians. A student must maintain a grade point average of 2.0 or better in each course with an "OPT" prefix in order to advance within the program. The successful completion of this program offers the graduate a challenging and rewarding career on an ophthalmic health care team. Graduates are eligible to sit for the Opticianry Licensure Examination and the Optometric Technician Registration Examination. After one year of work experience with an ophthalmologist, graduates may sit for the Ophthalmic Medical Assistant Certification Examination. The Opticianry program is approved by the Council on Optometric Education and the Commission on Opticianry Accreditation.

**GENERAL EDUCATION REQUIREMENTS (15.00 Credits)**

**COMMUNICATIONS (3.00 credits)**

ENC 1101	English Composition 1	(3 credits)	Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).
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**HUMANITIES (3.00 credits)**

ARH 1000	Art Appreciation	(3 credits)	Prerequisite: ENC 1101
HUM 1020	Humanities	(3 credits)	
LIT 2000	Introduction to Literature	(3 credits)	
MUL 1010	Music Appreciation	(3 credits)	
PHI 2010	Introduction to Philosophy	(3 credits)	
THE 2000	Theatre Appreciation	(3 credits)	

**MATHEMATICS (3.00 credits)**

MGF 1130	Mathematical Thinking	(3 credits)	Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).
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**NATURAL SCIENCE (3.00 credits)**

BSC 1005	General Biology	(3 credits)
CHM 1020	General Education Chemistry	(3 credits)
PHY 1020	Fundamentals of Physics	(3 credits)

**SOCIAL SCIENCE (3.00 credits)**

AMH 2010	History of the US to 1877	(3 credits)
AMH 2020	History of the US since 1877	(3 credits)
POS 2041	American Federal Government	(3 credits)

**COMPUTER COMPETENCY**

Test type(s) needed:

Computer Competency Test (CCT)

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CGS 1060C - Introduction to Computer Technology & Applications

**MAJOR CORE REQUIREMENTS (57.00 Credits)****FIRST TERM IN MILESTONE**

OPT 1110	Physical and Geometric Optics	(4 credits)	Corequisites: OPT 1205, OPT 1330
OPT 1205	Ocular Anatomy, Physiology & Pathology	(3 credits)	Corequisites: OPT 1110, OPT 1330
OPT 1330	Clinical Data Collection 1	(2 credits)	Corequisites: OPT 1110, OPT 1205

**SECOND TERM IN MILESTONE**

OPT 1150	Ophthalmic Lenses	(2 credits)	Prerequisites: OPT 1110, OPT 1205, OPT 1330; Corequisites: OPT 1331, OPT 1331L, OPT 1450, OPT 1450L, OPT 2505, OPT 2070L
OPT 1331	Clinical Data Collection 2	(2 credits)	Prerequisites: OPT 1110, OPT 1205, OPT 1330; Corequisites: OPT 1150, OPT 1331L, OPT 1450, OPT 1450L, OPT 2505, OPT 2070L
OPT 1331L	Clinical Data Collection 2 Laboratory	(1 credit)	Prerequisites: OPT 1110, OPT 1205, OPT 1330; Corequisites: OPT 1150, OPT 1331, OPT 1450, OPT 1450L, OPT 2505, OPT 2070L
OPT 1450	Ophthalmic Dispensing Procedures 1	(1 credit)	Prerequisites: OPT 1110, OPT 1205, OPT 1330; Corequisites: OPT 1150, OPT 1331, OPT 1131L, OPT 1450L, OPT 2505, OPT 2070L
OPT 1450L	Ophthalmic Dispensing Procedures 1 Laboratory	(1 credit)	Prerequisites: OPT 1110, OPT 1205, OPT 1330; Corequisites: OPT 1150, OPT 1331, OPT 1131L, OPT 1450, OPT 2505, OPT 2070L
OPT 2505	Contact Lenses 1	(3 credits)	Prerequisites: OPT 1110, OPT 1205, OPT 1330; Corequisites: OPT 1150, OPT 1331, OPT 1131L, OPT 1450, OPT 1450L, OPT 2070L
OPT 2070L	Computers for Vision Care	(1 credit)	Prerequisites: OPT 1110, OPT 1205, OPT 1330; Corequisites: OPT 1150, OPT 1331, OPT 1131L, OPT 1450, OPT 1450L, OPT 2505

**THIRD TERM IN MILESTONE**

OPT 2375	Refractometry	(1 credit)	Prerequisites: OPT 1150, OPT 1331, OPT 1331L, OPT 1450, OPT 1450L, OPT 2505, OPT 2070L; Corequisites: OPT 2375L, OPT 2420, OPT 2420L, OPT 2451, OPT 2451L, OPT 2506, OPT 2506L, OPT 2800L
OPT 2375L	Refractometry Laboratory	(1 credit)	Prerequisites: OPT 1150, OPT 1331, OPT 1331L, OPT 1450, OPT 1450L, OPT 2505, OPT 2070L; Corequisites: OPT 2375, OPT 2420, OPT 2420L, OPT 2451, OPT 2451L, OPT 2506, OPT 2506L, OPT 2800L
OPT 2420	Eyewear Fabrication 1	(2 credits)	Prerequisites: OPT 1150, OPT 1331, OPT 1331L, OPT 1450, OPT 1450L, OPT 2505, OPT 2070L; Corequisites: OPT 2375, OPT 2375L, OPT 2420L, OPT 2451, OPT 2451L, OPT 2506, OPT 2506L, OPT 2800L
OPT 2420L	Eyewear Fabrication 1 Laboratory	(1 credit)	Prerequisites: OPT 1150, OPT 1331, OPT 1331L, OPT 1450, OPT 1450L, OPT 2505, OPT 2070L; Corequisites: OPT 2375, OPT 2375L, OPT 2420, OPT 2451, OPT 2451L, OPT 2506, OPT 2506L, OPT 2800L
OPT 2451	Ophthalmic Dispensing Procedures 2	(1 credit)	Prerequisites: OPT 1150, OPT 1331, OPT 1331L, OPT 1450, OPT 1450L, OPT 2505, OPT 2070L; Corequisites: OPT 2375, OPT 2375L, OPT 2420, OPT 2420L, OPT 2451L, OPT 2506, OPT 2506L, OPT 2800L
OPT 2451L	Ophthalmic Dispensing Procedures 2 Laboratory	(1 credit)	Prerequisites: OPT 1150, OPT 1331, OPT 1331L, OPT 1450, OPT 1450L, OPT 2505, OPT 2070L; Corequisites: OPT 2375, OPT 2375L, OPT 2420, OPT 2420L, OPT 2451, OPT 2506, OPT 2506L, OPT 2800L

OPT 2506	Contact Lenses 2	(2 credits)	Prerequisites: OPT 1150, OPT 1331, OPT 1331L, OPT 1450, OPT 1450L, OPT 2505, OPT 2070L; Corequisites: OPT 2375, OPT 2375L, OPT 2420, OPT 2420L, OPT 2451, OPT 2451L, OPT 2506L, OPT 2800L
OPT 2506L	Contact Lenses 2 Laboratory	(1 credit)	Prerequisites: OPT 1150, OPT 1331, OPT 1331L, OPT 1450, OPT 1450L, OPT 2505, OPT 2070L; Corequisites: OPT 2375, OPT 2375L, OPT 2420, OPT 2420L, OPT 2451, OPT 2451L, OPT 2506, OPT 2800L
OPT 2800L	Vision Care Clinic 1	(2 credits)	Prerequisites: OPT 1150, OPT 1331, OPT 1331L, OPT 1450, OPT 1450L, OPT 2505, OPT 2070L; Corequisites: OPT 2375, OPT 2375L, OPT 2420, OPT 2420L, OPT 2451, OPT 2451L, OPT 2506, OPT 2506L
<b>FOURTH TERM IN MILESTONE</b>			
OPT 2376L	Refractometry Laboratory II	(1 credit)	Prerequisites: OPT 2375, OPT 2375L, OPT 2420, OPT 2420L, OPT 2451, OPT 2451L, OPT 2506, OPT 2506L, OPT 2800L; Corequisites: OPT 2421C, OPT 2801L, OPT 2830C, OPT 2875L
OPT 2421C	Eyewear Fabrication 2	(3 credits)	Prerequisites: OPT 2375, OPT 2375L, OPT 2420, OPT 2420L, OPT 2451, OPT 2451L, OPT 2506, OPT 2506L, OPT 2800L; Corequisites: OPT 2376L, OPT 2801L, OPT 2830C, OPT 2875L
OPT 2801L	Vision Care Clinic 2	(4 credits)	Prerequisites: OPT 2375, OPT 2375L, OPT 2420, OPT 2420L, OPT 2451, OPT 2451L, OPT 2506, OPT 2506L, OPT 2800L; Corequisites: OPT 2376L, OPT 2421C, OPT 2830C, OPT 2875L
OPT 2830C	Contact Lens Clinic 1	(2 credits)	Prerequisites: OPT 2375, OPT 2375L, OPT 2420, OPT 2420L, OPT 2451, OPT 2451L, OPT 2506, OPT 2506L, OPT 2800L; Corequisites: OPT 2376L, OPT 2421C, OPT 2801L, OPT 2875L
OPT 2875L	Ophthalmic Dispensing Practicum 1	(2 credits)	Prerequisites: OPT 2375, OPT 2375L, OPT 2420, OPT 2420L, OPT 2451, OPT 2451L, OPT 2506, OPT 2506L, OPT 2800L; Corequisites: OPT 2376L, OPT 2421C, OPT 2801L, OPT 2830C
<b>FIFTH TERM IN MILESTONE</b>			
OPT 2060	Ophthalmic Management Policy & Procedures	(2 credits)	Prerequisites: OPT 2376L, OPT 2421C, OPT 2801L, OPT 2830C, OPT 2875L Corequisites: OPT 2377L, OPT 2422C, OPT 2802L, OPT 2831L, OPT 2876L
OPT 2377L	Refractometry Laboratory III	(1 credit)	Prerequisites: OPT 2376L, OPT 2421C, OPT 2801L, OPT 2830C, OPT 2875L Corequisites: OPT 2060, OPT 2422C, OPT 2802L, OPT 2831L, OPT 2876L
OPT 2422C	Eyewear Fabrication 3	(3 credits)	Prerequisites: OPT 2376L, OPT 2421C, OPT 2801L, OPT 2830C, OPT 2875L Corequisites: OPT 2060, OPT 2377L, OPT 2802L, OPT 2831L, OPT 2876L
OPT 2802L	Vision Care Clinic 3	(4 credits)	Prerequisites: OPT 2376L, OPT 2421C, OPT 2801L, OPT 2830C, OPT 2875L Corequisites: OPT 2060, OPT 2377L, OPT 2422C, OPT 2831L, OPT 2876L

OPT 2831L	Contact Lens Clinic 2	(1 credit)	Prerequisites: OPT 2376L, OPT 2421C, OPT 2801L, OPT 2830C, OPT 2875L Corequisites: OPT 2060, OPT 2377L, OPT 2422C, OPT 2802L, OPT 2876L
OPT 2876L	Ophthalmic Dispensing Practicum 2	(2 credits)	Prerequisites: OPT 2376L, OPT 2421C, OPT 2801L, OPT 2830C, OPT 2875L Corequisites: OPT 2060, OPT 2377L, OPT 2422C, OPT 2802L, OPT 2831L