

Graduate Program NSU Assessment Form AY 2021-2022

This form will be used to collect evidence of student learning achievement toward your program outcomes, and immersive/experiential learning.

Program Outcome Assessment: Complete the Program Assessment Table. If your program has a required immersive/experiential learning experience please include the evaluation of that experience in the program assessment table.

Co-Curricular Assessment Table: If your program has a voluntary immersive/experiential opportunity please include the evaluation of that opportunity in the Co-Curricular Table.

1. Program assessed: Doctor of Optometry

2. College: Oklahoma College of Optometry

3. Department: NA

4. Program (academic major) mission statement:

Mission Statement of Northeastern State University Oklahoma College of Optometry

The Northeastern State University Oklahoma College of Optometry (NSUOCO) provides an educational program leading to the Doctor of Optometry degree, post-graduate clinical residency certification, and continuing optometric education.

The primary mission of NSUOCO is:

- The education of optometric physicians who are highly trained, through excellence in academic and clinical instruction, are able to provide the highest quality clinical care and who emphasize an ethical and caring commitment for the welfare of patients,
- To deliver quality clinical services to the patients served by NSUOCO,
- To remain committed to a teaching environment conducive to excellence in education through faculty and students who are diverse, who embrace life-long learning, independent critical thinking, research and scholarly activity, and who have a desire to contribute to society through community service.

The Optometry program is the sole doctoral program at Northeastern State University. Consistent with the mission of the University, the Oklahoma College of Optometry mission reflects the high aspirations and commitment to education made in 1846 by the founders of the original Cherokee seminaries.

In addition to establishing the goals which outline the expectations for our graduate's entry level skills, the College has several measures for assessing that specific entry level clinical and didactic skills are being competently achieved. The first measure is a series of clinical methods practical tests which take place throughout the four-year curriculum. These practical exams occur in each of the four clinical methods courses and are structured on the National Board of Examiners in

Optometry practical format. The students are also required to perform a specific list of clinical procedures under faculty supervision during spring semester clinic of the second and third, and fall semester of the fourth years. Cumulatively, these practical examinations define the program's clinical entry level skills. When successfully completed, the College has a direct measure that a capstone benchmark has been achieved by each student.

The program's didactic entry level skills are embodied by the learning objectives found in every course syllabus. These learning objectives are a direct reflection of the course content and specify the entry level skills and knowledge expected of each student upon completion of the curriculum. The examinations held in each didactic course are intended to assess if the course learning objectives have been achieved.

Goals and Objectives

Goal 1: Provide a comprehensive state-of-the-art educational program which supports the profession of optometry as an independent, primary health care profession.

Objectives:

- Periodically review, assess, and modify the curriculum to assure that students are provided education and training to prepare them for the full scope of high quality optometric clinical care.

Goal 2: Provide an educational environment which challenges and motivates students to prepare themselves personally and professionally for careers as optometric physicians and citizens.

Objectives:

- Continually review, assess, and modify the curriculum to assure that both the didactic and clinical courses provide appropriate material and learning objectives.
- Work toward funding, planning, and completed construction of a new optometry facility including classrooms, labs and clinic space; a facility that will provide an environment to educate and train future health care professionals.
- Continually monitor and assess the ongoing plan for the systematic replacement and proper maintenance and repair of clinical, laboratory, and other equipment as needed for student education and to keep up with technological changes.

Goal 3: Provide faculty as teachers, clinicians and scholars who are diverse and licensed to the broadest scope of optometric practice.

Objectives:

- Provide competitive salaries, benefits, adequate tenure and opportunities for economic and professional advancement for faculty members.
- Implement nationwide searches when faculty positions become available and fully involve the faculty with both identification of program needs and faculty selection in connection with such searches.
- Periodically assess the needs and resources of the program to identify the number of faculty needed and teaching areas of faculty to attain the educational goals of the program and acquire additional experientially diverse faculty when need exists.
- Facilitate faculty development in the advancement of teaching, clinical, and research skills.

- Encourage faculty involvement in professional organizations and activities.
- In filling faculty positions in the Rural Eye Program, the College will seek optometric professionals who can blend particular expertise in the practical aspects of the delivery of eye and vision care with student education.
- Provide support which encourages faculty to pursue research projects.

Goal 4: Maintain standards and practices which result in the recruitment, enrollment, retention, and graduation of students who are highly qualified and who contribute to the diversity of the student body and the profession.

Objectives:

- Continue recruiting efforts in the state of Oklahoma, particularly among potentially qualified undergraduate students, with the objective of increasing the number of qualified applicants and constantly improving the quality of admitted students.
- Continue to recruit students from under-represented populations.
- Continue to recruit a student population which represents a wide variety of backgrounds and experiences.
- Continually review, assess, and improve the programs that monitor student progress and assist students who have academic or other concerns in order to maintain existing high levels of retention and graduation.
- Regularly assess the following performance measurements of our students and graduates: performance on national and state board exams, graduation/attrition rate, placement success and acceptance into post graduate residency programs.

Goal 5: Provide optometric students with a quantity and quality of clinical experiences necessary to develop the professional competence to diagnose, treat, and manage eye and vision conditions and to deliver care and services unique to the profession of optometry.

Objectives:

- Continue the existing relationships which provide the patient base for quality clinical education and pursue additional alternatives to diversify those relationships.
- Continually provide evaluation and feedback to students on their clinical skills and performance through course proficiency examinations, periodic clinical proficiency examinations, and daily clinical evaluations.
- Assure that each student completes rotations through all clinical areas.
- Assure that each student completes a quality externship rotation.

Goal 6: Continue developing the funding of programs and the development and utilization of facilities which enable the College to address both present and future needs of the professional education program.

Objectives:

- Continually identify current and future operating and capital needs and funding sources which will enable the program to meet those needs.
- Continue developing public relations, marketing, and development strategies to educate a variety of constituencies about the optometry program and the need for identifying potential funding sources.

Goal 7: Maintain positive relationships with the community and region in which the College is located, alumni of the College, the optometric profession, and the public at large.

Objectives:

- Continue to enhance the provision of access to high quality eye and vision care for all patients served.
- Continue to enhance our services as a referral center for area health care providers.
- Continue to enhance the program's activities in providing health care and serving as an educational resource to the optometric profession in the state of Oklahoma and surrounding region.
- Continue communication and interaction with alumni through alumni newsletters and continuing education events.
- Continue to invite input from alumni to determine their views regarding the quality of their educational experiences and solicit input for improvement.

Goal 8: Provide postgraduate and residency programs to enhance the clinical and specialty skills of optometric graduates.

Objectives:

- Provide on and off-campus residency programs in order to build diversity in opportunities for post-graduate optometrists.
- Provide residents with quality and diverse clinical/patient experiences.
- Periodically review the residency program to identify the appropriate size and scope of the program in light of the profession's needs and the College's objectives.

Goal 9: Provide high quality continuing education programs for optometrists and other health care providers.

Objectives:

- Offer continuing education programs which provide material appropriate to meet on-going professional requirements.
- Provide post graduate education which is on the forefront of the changing scope and practice of optometry.
- Periodically review content, delivery and marketing of the continuing education program.

Goal 10: Continue to review, assess, and periodically revise the mission statement, goals, objectives, and long-range plans of the College.

Objective:

- Periodically assess the outcomes (i.e., objectives) to determine if the goals are being met and the mission statement is being fulfilled.

Name of the professional association or accrediting agency that informs the program's student learning outcomes:

Accreditation Council on Optometric Education (ACOE)

6. This program:

is taught entirely online

is taught at least 50% by distance education

utilizes distance education*, but this is less than 50% of the program

does not have any online courses

is available in multiple modalities, i.e. students can earn the degree entirely online, or blended, or face-to-face.

(*Distance education is defined by the Higher Learning Commission as: “education that uses one or more of the technologies...to deliver instruction to students who are separated from the instructor and to support regular and substantive interaction between the students and the instructor, either synchronously or asynchronously” <https://www.hlcommission.org/Monitoring/distance-delivery.html>)

Term Definitions:

1. **Program Student Learning Outcome** refers to the academic major’s identified student learning outcomes. These are the student learning outcomes that a student in the major is expected to achieve upon program completion.
2. **Graduate Degrees of Excellence (GR D.O.E.) Student Learning Outcome** refers to the Graduate institutional student learning outcomes. These are attached as an appendix to this report.
3. **Assessment Measure** refers to the assessment tool employed to determine whether the program student outcome was reached.
4. **Performance Target** refers to the desired result (or desired level of competency) for each program student learning outcome. It is the minimum level of competency indicating the program student learning outcome is met.
5. **Number of students** assessed refers to the number of students participating in the specific assessment measure for the student learning outcome.
6. **Results** refers to the data the measure produced, e.g. specific number of students meeting the performance target, number not meeting the target, etc. Report the findings from the assessment.
7. **Immersive/Experiential learning** refers to required or voluntary activities or experiences that connect learning to workforce competencies through application. These experiences can include but are not limited to internships, research, simulations, study abroad, field trips, and practica.

Instructions: This information will be included in the annual report on student learning submitted to the Oklahoma State Regents for Higher Education. Please complete the following for each program student learning outcome assessed. In the column for Graduate Degrees of Excellence (GR D.O.E.) Student Learning Outcome, please indicate the GR D.O.E. to which the program outcome best aligns.

	Program Student Learning Outcome Assessed	Graduate Degrees of Excellence Student Learning Outcome	Assessment Measure (include description of how the tool was administered)	Performance Target	Number of students assessed	Results (No. students meeting/not meeting performance target)																																																																						
1	Students admitted to the professional optometry program will have a broad foundation in those basic sciences which will enable them to proceed to the study of those scientific concepts directly applicable to optometry. Students applying to the College of Optometry must take the Optometry Admission Test (OAT) and score satisfactorily on that exam. Knowledge areas tested on the exam include mathematics, general chemistry, organic chemistry, biology, and physics. Entering students must also have achieved a minimum 2.7 GPA on all undergraduate course work.	Knowledge - Articulate current and historical theories, concepts, and models of the discipline.	Prospective Optometry students must submit OAT (Optometry Admission Test) score reports and undergraduate transcripts as part of their application to NSUOCO. This data is reviewed by the admission committee along with other information.	Minimum OAT score = 300. Minimum 2.7 GPA on undergraduate coursework.	112	<table border="1"> <thead> <tr> <th colspan="5">NSUOCO Class Profile for AY 2021-2022</th> </tr> <tr> <th>Year Entering NSUOCO</th> <th>2021</th> <th>2020</th> <th>2019</th> <th>2018</th> </tr> </thead> <tbody> <tr> <td>Year Scheduled to Graduate from NSUOCO</td> <td>2025</td> <td>2024</td> <td>2023</td> <td>2022</td> </tr> <tr> <td>Average Undergraduate GPA</td> <td>3.58</td> <td>3.63</td> <td>3.72</td> <td>3.65</td> </tr> <tr> <td>Average OAT Score</td> <td>307</td> <td>319</td> <td>317</td> <td>320</td> </tr> <tr> <td>Total Incoming Class Size</td> <td>28</td> <td>28</td> <td>28</td> <td>28</td> </tr> <tr> <td># of Incoming Students with OAT score < 300</td> <td>8*</td> <td>4</td> <td>1</td> <td>3</td> </tr> <tr> <td># of Incoming Students with OAT score >= 300</td> <td>19</td> <td>24</td> <td>27</td> <td>25</td> </tr> <tr> <td>% of Incoming Students with OAT score >= 300</td> <td>67.86%</td> <td>85.71%</td> <td>96.43%</td> <td>89.29%</td> </tr> <tr> <td># of Incoming Students with GPA > 2.70</td> <td>28</td> <td>28</td> <td>28</td> <td>28</td> </tr> <tr> <td>% of Incoming Students with GPA > 2.70</td> <td>100%</td> <td>100%</td> <td>100%</td> <td>100%</td> </tr> <tr> <td># of Incoming Students Entering with a BS/BA or Higher</td> <td>25</td> <td>26</td> <td>27</td> <td>26</td> </tr> <tr> <td># of Incoming Students Entering without a BS/BA</td> <td>3</td> <td>2</td> <td>1</td> <td>2</td> </tr> <tr> <td>% of Incoming Students Entering with a BS/BA or Higher</td> <td>89.29%</td> <td>92.86%</td> <td>96.43%</td> <td>92.86%</td> </tr> </tbody> </table> <p><i>*One student accepted with MCAT scores vs. OAT scores</i></p>	NSUOCO Class Profile for AY 2021-2022					Year Entering NSUOCO	2021	2020	2019	2018	Year Scheduled to Graduate from NSUOCO	2025	2024	2023	2022	Average Undergraduate GPA	3.58	3.63	3.72	3.65	Average OAT Score	307	319	317	320	Total Incoming Class Size	28	28	28	28	# of Incoming Students with OAT score < 300	8*	4	1	3	# of Incoming Students with OAT score >= 300	19	24	27	25	% of Incoming Students with OAT score >= 300	67.86%	85.71%	96.43%	89.29%	# of Incoming Students with GPA > 2.70	28	28	28	28	% of Incoming Students with GPA > 2.70	100%	100%	100%	100%	# of Incoming Students Entering with a BS/BA or Higher	25	26	27	26	# of Incoming Students Entering without a BS/BA	3	2	1	2	% of Incoming Students Entering with a BS/BA or Higher	89.29%	92.86%	96.43%	92.86%
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2	<p>Students will acquire a knowledge and understanding of those aspects of optics and general human biology, which will in turn allow them to study the visual process.</p> <p>Successful completion of basic courses in the first year of the curriculum will demonstrate that the student has acquired the foundation to continue in the program.</p>	<p>Information literacy - Evaluate the validity and comparative worth of diverse information sources related to the relevant discipline.</p>	<p>First year cohort (class of 2025) advancement to second year of program.</p>	<p>Successful completion of all first-year courses.</p>	28	<p>Twenty-seven of the twenty-eight students who entered the program in the fall of 2021 advanced to the second year of the program (96.43%).</p> <p>One student failed one course due to extenuating circumstances related to family illness and opted not to return and repeat the year due to continued family illness.</p>
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3	<p>The student will acquire a thorough knowledge and understanding of the optics, anatomy, physiology, and neurology of the eyes, vision, and perception. Students may demonstrate this knowledge by successful completion of the courses in years I, II and III of the program and by passing Part I of the National Board of Examiners in Optometry (Applied Basic Science section). Students are eligible to sit for this section of the exam during the spring semester of their third year of the program (March administration).</p>	<p>Scholarship - Apply the discipline's knowledge, skills, theories, and attitudes to solve problems.</p>	<p>First-year cohort (class of 2025) advancement to second year, second- year cohort (class of 2024) advancement to third year, third- year cohort (class of 2023) advancement to fourth year.</p> <p>NBEO (National Board of Examiners in Optometry) exam scores for Part I.</p>	<p>Successful completion of all first, second, and third year courses.</p> <p>Passage of the NBEO Part I by graduation</p>	84	<p>Twenty-seven of the twenty-eight (96.43%) students who entered the program in the fall of 2021 met all requirements and advanced to the second year of the program.</p> <p>Twenty-eight of the twenty-eight (100%) students in the second year of the program met all requirements and advanced to the third year of the program.</p> <p>Twenty-eight of the twenty-eight (100%) students in the third year of the program met all requirements and advanced to the fourth year of the program.</p> <p>The table below indicates NBEO Part I (Applied Basic Science) exam results from the March 2022 Administration:</p> <table border="1" data-bbox="1222 646 2011 812"> <thead> <tr> <th data-bbox="1222 646 1312 764">Year</th> <th data-bbox="1312 646 1663 764">NSUOCO First Timer Pass Rate</th> <th data-bbox="1663 646 2011 764">National First Timer Pass Rate</th> </tr> </thead> <tbody> <tr> <td data-bbox="1222 764 1312 812">2022</td> <td data-bbox="1312 764 1663 812">78.57%</td> <td data-bbox="1663 764 2011 812">TBD*</td> </tr> </tbody> </table> <p><i>*Data as of 08/22/2022 from March 2022 Part I exam administration; NBEO yearly institutional performance report not yet available https://optometriceducation.org/news/national-board-of-examiners-in-optometry-yearly-performance-report/</i></p>	Year	NSUOCO First Timer Pass Rate	National First Timer Pass Rate	2022	78.57%	TBD*
Year	NSUOCO First Timer Pass Rate	National First Timer Pass Rate										
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4	<p>Students will develop the skills to perform the tests, techniques, and procedures necessary for the detection of vision anomalies and ocular disease. Students are required to demonstrate these skills in successful completion of a practical examination in each of four optometry Clinical Methods courses.</p>	<p>Scholarship - Apply the discipline's knowledge, skills, theories, and attitudes to solve problems.</p>	<p>Practical examinations in each of the four Optometric Clinical Methods courses.</p>	<p>Successful completion of practical exams by all students enrolled in the four Optometric Clinical Methods courses.</p>	84	<p>During the 2021-2022 academic year, all students successfully completed their Clinical Practice Examinations in the following four courses:</p> <ul style="list-style-type: none"> • OPT 4184 Optometric Clinical Methods I (1st year students) • OPT 4283 Optometric Clinical Methods II (1st year students) • OPT 5183 Optometric Clinical Methods III (2nd year students) • OPT 6231 Optometric Clinical Methods IV (3rd year students)
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5	<p>The student will acquire the general principles of drug action, as well as the principles of ocular pharmacology and medical treatment, clinical administration of ocular drugs, utilization of diagnostic agents and specific treatment of ocular diseases. Students may demonstrate this knowledge by successful completion of the courses and by passing Part II of the National Board of Examination in Optometry (clinical science section that includes pharmacology). Students are eligible to sit for this section of the exam during the fall semester of their fourth year of the program (December administration of the exam).</p>	<p>Scholarship - Apply the discipline's knowledge, skills, theories, and attitudes to solve problems.</p>	<p>Grades in appropriate courses dealing with drug action, principles of ocular pharmacology and medical treatment, clinical administration of ocular drugs, utilization of diagnostic agents, and the treatment of ocular diseases.</p> <p>NBEO exam scores for Part II.</p>	<p>Successful completion of appropriate courses dealing with drug action, principles of ocular pharmacology and medical treatment, clinical administration of ocular drugs, and utilization of diagnostic agents, and the treatment of ocular diseases.</p> <p>NBEO Part II passage by graduation.</p>	113	<p>During the 2021-2022 academic year, 112 of 113 students were successful in completing the appropriate courses dealing with drug action, principles of ocular pharmacology and medical treatment, clinical administration of ocular drugs, utilization of diagnostic agents, and the treatment of ocular diseases. Those courses include:</p> <ul style="list-style-type: none"> • OPT 4133 Clinical Immunology & Microbiology (1st year) • OPT 4264 Ocular Anatomy & Physiology (1st year) • OPT 5103 General Pharmacology (1st year) • OPT 5273 Ocular Disease I: Cataracts, Corneal, & External Ocular Disease (2nd year) • OPT 5203 Ocular Pharmacology (2nd year) • OPT 6023 Ocular Disease II: Glaucoma & Anterior Uveal Disease (2nd year) • OPT 6173 Ocular Disease III: Vitreal, Choroidal, & Retinal Disease (3rd year) • OPT 6272 Ocular Disease IV: Orbital & Neurological Disease (3rd year) • OPT 7101 Systemic Therapy in Ocular Disease & Trauma (4th year) <p>Twenty-seven of twenty-nine students who took the National Board of Examiners in Optometry Part II - Patient Assessment & Management exam for the first time in December 2021 passed the examination for a first time pass rate of 93.10%.</p>
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6	Students will be provided with enough supervised patient encounters to enable the student to put to use the knowledge gained in a clinical setting. Students may demonstrate this knowledge by successfully achieving a passing grade on daily clinical encounters.	Scholarship - Apply the discipline's knowledge, skills, theories, and attitudes to solve problems.	Grades in all clinical courses.	Passing grades in all clinical courses.	113	<p>During the 2021-2022 academic year, all students in all four years of the program (100%) received a passing grade in all clinical courses as follows:</p> <ul style="list-style-type: none"> • OPT 4291 Introduction to Clinic I (1st year) • OPT 5191 Introduction to Clinic II (2nd year) • OPT 5291 Clinical Practice I (2nd year) • OPT 6093 Clinical Practice II (3rd year) • OPT 6195 Clinical Practice III (3rd year) • OPT 6295 Clinical Practice IV (3rd year) • OPT 7095 Clinical Practice V (4th year) • OPT 7196 Clinical Practice VI (4th year) • OPT 7293 Clinical Practice VII (4th year) <p>Please refer to the Clinical Education Assessment Tools section for additional information.</p>
7	Students will acquire understanding of scientific methodology and have an appreciation for research and statistics in order to continue their life-long education after optometry school. Students will demonstrate this knowledge by successfully completing an optometry research project including a written research paper during the third year of the program.	Communication - Effectively communicate knowledge within the discipline.	Grades in all course requirements for research methodology and optometry research project courses.	Successful completion of all course requirements for research methodology and optometry research project courses by all enrolled students.	56	<p>During the 2021-2022 academic year, 100% of students enrolled in all research methodology and optometry project courses completed all course requirements. The courses are as follows:</p> <ul style="list-style-type: none"> • OPT 6111 Research Methodology (2nd year) • OPT 6122 Optometry Project I (3rd year) • OPT 6262 Optometry Project II (3rd year) • OPT 7062 Optometry Project III (3rd year)

8	<p>Students will be provided with appropriate information about running a private practice and ethical decision making with all small business aspects to enable them to make a living for themselves and their families. Students will demonstrate this knowledge by successfully completing the courses in practice management.</p>	<p>Ethical Reasoning - Evaluate ethical considerations to civic, societal, environmental, and economic challenges specific to their discipline.</p>	<p>Grades of all third and fourth-year students enrolled in practice management courses.</p>	<p>Successful completion and passing letter grades for all third- and fourth-year students enrolled in practice management courses.</p>	57	<p>During the 2021-2022 academic year, 100% of third-and fourth-year students completed all courses in the practice management area and received passing letter grades. The courses are as follows:</p> <ul style="list-style-type: none"> • 6243 Practice Development and Administration I (3rd year) • 7143 Practice Development and Administration II (4th year)
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9	<p>Students will be provided with enough supervised patient encounters to enable the student to put to use the knowledge gained in a clinical setting. Students may demonstrate this knowledge by successfully achieving a passing rate on daily clinical evaluations and by passing the clinical proficiency tests scheduled throughout years three and four of the curriculum. Students may also demonstrate clinical proficiency by passing Part III of the National Boards (administered in the student's last year.)</p>	<p>Scholarship - Apply the discipline's knowledge, skills, theories, and attitudes to solve problems.</p>	<p>Grades in all courses in the clinical practice area for third- and fourth-year students.</p> <p>Fourth-year students' NBEO Part III (Clinical Skills Exam) participation and scores.</p>	<p>Successful completion of all courses in the clinical practice area with passing letter grades by third- and fourth-year students.</p> <p>Fourth-year students' NBEO Part III exam passage.</p>	57	<p>During the 2021-2022 academic year, 100% of third-year students and 96.55% of fourth-year students completed all courses in the Clinical Practice area and received passing grades. Those courses are as follows:</p> <ul style="list-style-type: none"> • OPT 6093 Clinical Practice II (3rd year) • OPT 6195 Clinical Practice III (3rd year) • OPT 6295 Clinical Practice IV (3rd year) • OPT 7095 Clinical Practice V (4th year) • OPT 7196 Clinical Practice VI (4th year) • OPT 7293 Clinical Practice VII (4th year) <p>Twenty-seven of the twenty-eight fourth year students who graduated in May 2022 haven taken NBEO, Part III, Clinical Skills Exam.</p> <p>Twenty-six of the twenty-seven graduates who took Part III board exams have passed, resulting in a 96.30% pass rate as of September 6, 2022.</p> <p>One graduate elected <u>not</u> to take their Part III board exam due to Oklahoma State Board of Optometry licensure rule allowances.</p> <p>Twenty of the twenty-seven graduates who attempted Part III board exams passed on their first attempt, resulting in a first time pass rate of 74.07%.</p> <p>The NBEO, Part III exam takes place on test dates spread over several months and exams are administered at one site in Charlotte, North Carolina.</p> <p>Please refer to the Clinical Education Assessment Tools section for additional information.</p>
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10	Students will be generally prepared to pass any state licensing examination they might encounter. Students will demonstrate this level of knowledge and clinical skills by successfully completing state written and practical examinations.	Scholarship - Apply the discipline's knowledge, skills, theories, and attitudes to solve problems.	Optometry state board exams.	Successful passage of optometry state board exams by all eligible students.	28	To the best knowledge of the College, all students who have graduated from the College of Optometry since 1983 and who have been eligible to sit for the State Board of Optometry in Oklahoma have been successful in passing the examination. The College has no documented information on the passage rates of our graduates on state boards outside of Oklahoma.
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11	Students will develop an appreciation of cultural diversity and inclusiveness as applied to the practice of optometry.	Diversity - Evaluate diverse points of view embedded within varying frameworks which may include temporal, cultural, linguistic, sociopolitical or technological contexts.	Grades in OPT 4271 Interpersonal Communication and documentation of appropriate Diversity, Equity & Inclusion training.	All first year students will complete OPT 4271 Interpersonal Communications, including Cherokee Nation diversity training and cultural competency.	28	28 students completed all requirements and received passing grades in OPT 4271 Interpersonal Communications. Students are required to attend Cherokee Nation diversity training and cultural competency as part of their coursework for OPT 4271.
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ACADEMIC STANDARDS

Student Academic Evaluation Committee

The Student Academic Evaluation Committee (SAEC) is a standing committee of the College of Optometry that reviews academic performance and recommends appropriate actions for students in academic difficulty, including clinical performance. Following the review by the SAEC, the Dean receives a recommendation for final approval and implementation. The SAEC acts as advisor to the Dean who may accept, reject, or modify its recommendations. The Committee is a standing committee and is comprised of five (5) members. The Dean selects standing committees at the beginning of each new academic year. The membership, selected from the faculty and administrative staff of the College, is currently comprised of five faculty. One of the faculty members serves as chair.

Academic Retention Standards

As a requirement for graduation, the Oklahoma College of Optometry requires each student to take, but not necessarily pass, Parts I and II of the exam administered by the National Board of Examiners in Optometry and have the exam scores reported to the College. If a student takes Part III of the National Board Exam, he/she must also report Part III scores to the College. Graduates should notify the College once they have obtained licensure in any state. The College is required to report licensure data to the Accreditation Council on Optometric Education for accreditation purposes.

To graduate from the College of Optometry, a student must maintain a cumulative grade-point average (GPA) of 2.0 in the professional optometry program. A student's semester GPA of less than 2.0 results in academic probation for that semester.

Receiving a failing grade in any optometry course may result in suspension or dismissal from the optometry program. At a minimum, a student who fails any course in the program will receive academic probation regardless of his or her GPA. In addition, when a student receives a failing grade in a course, the student

will not advance in the program and his or her continued enrollment rests with the SAEC, who will review the student's overall academic performance and make a recommendation to the Dean. Among other options, the SAEC could require the student to re-enroll in the next academic year, retaking all of the curricular courses for the academic year in which the student received a failing grade. The student will receive a new grade in each course. The student's academic transcript will reflect both grades and both grades will be included in the calculation of the cumulative grade point average. The SAEC will handle each student's performance on an individual basis and the Committee will formulate a recommendation for appropriate remediation that will be forwarded for final approval to the Dean.

A student on academic probation will remain on academic probation for a minimum of one semester. To be removed from academic probation, the cumulative GPA must be raised to 2.0 or higher, and all courses repeated by a student must be completed with at least a grade of "C" or Pass (for Pass/Fail courses). To remain in the optometry program, the student on academic probation must achieve a 2.25 GPA or higher for each succeeding semester. A student on academic probation who attains a GPA below 2.25 in any semester results in the students' dismissal from the optometry program.

While a student remains on academic probation, the SAEC will monitor and approve the student's academic progress and plan of remediation.

The College of Optometry will not modify the curriculum of the optometry program to accommodate a remedial plan for a student who receives a failing course grade, and the College does not endorse a reduced class load.

No student may graduate from the program who has a cumulative GPA of less than 2.0 or who is on academic probation.

A student who is suspended or dismissed from the optometry program for academic reasons may appeal to the Appeal Board for academic sanctions for readmission. Written appeal requests are required and result in submission to the office of the Dean by letter postmarked within five University business days after the student's receipt of the letter notifying the student of the recommended sanction.

In the event that a student requests an appeal within the specified period of five (5) University business days, the student will continue in the program until the completion of the appeals process.

Upon receipt of the written appeal, the Dean's Office will select an Appeals Board, randomly drawn from the pool of potential members. Within one week of receipt of the written request for an appeal, the Dean's Office will notify the student of the date and time of the hearing. Completed expediently, the appeal process should yield results no later than four weeks after the convening of the appeal board.

If granted readmission, the student will be re-entered on academic probation, and continued enrollment will be contingent on the student meeting all appropriate policies and any specific requirements outlined by the SAEC and approved by the Dean.

The appropriateness of a leave of absence longer than two weeks (for academic, health, emergency, or other reasons) requires SAEC review. The SAEC may impose conditions upon the leave (such as requiring the student to seek counseling) requiring fulfillment for eligibility to return from leave. In most cases, students granted an extended leave would be required to stay out the remainder of the academic year and will be returning at the beginning of the same semester of the same year of the program or may be required to repeat some portion of the program. Students returning from leave must notify the Dean of their intent to return at least two months before the start of the semester in which they would be enrolling. Students who fail to notify the Dean will be considered to have withdrawn from the College. Conditions placed upon the student's return require evidence of the fulfillment of those conditions. Failing this

proper notification or meeting of conditions, the student will lose his/her status with the College and must apply for re-admission to the Admissions Committee in order to return.

If leave is the result of medical issues, the confidentiality of the student-physician relationship is respected; no medical information will be provided to the SAEC without the consent of the student. A letter from the treating physician supporting the advisability of a leave will assist the SAEC in making its decision. A student returning from leave may choose to release medical information to support the return from leave; however, the SAEC will generally require an examination by a physician or other health care professional of its choosing to document that the student is fit to return from leave. The cost of this examination will be borne by the College.

Clinical Education Assessment Tools

The College has developed a computerized clinical grading system that provides a more efficient process for rapid and effective evaluation of the student's performance at the end of each daily clinical experience. The enhanced clinical evaluation process provides timely intervention for students who have areas requiring improvement. The automated process also enhances the collection and analysis of cumulative student data for faculty review and analysis.

Each year, the faculty utilizes a broad range of assessment tools to monitor performance of students. Over the past several years, there have been no significant curriculum changes required.

As always, the objectives in the College's mission, goals, and objectives serve as outcomes measures. In addition to our program objectives, the following list identifies the outcomes measures utilized annually by our program.

1. Academic qualifications of admitted students to the professional program;
2. Successful completion of all students in each year in the didactic and clinical portions of the curriculum;
3. Student performance on NBEO Part I;
4. Student performance in the clinical proficiency associated with the four Clinical Methods courses.
5. Student performance on NBEO Part II;
6. Daily evaluation of student performance in providing patient care;
7. Three Clinical Grades Meetings each fall and spring semester and two in the summer session where faculty review and deliberate students' clinical performance;
8. Student performance in completing Optometry Research Project during the third and fourth years of the program;
9. Student performance and application of skills learned in Practice Management courses;
10. Evaluation of students' clinical skills through passage of a Clinical Proficiency exam at the start of spring semester second year prior to the student entering clinic. This exam must be completed before the student begins patient care.
11. Evaluation of progressive improvement of students' clinical skills through successful completion of clinical test checklists;
12. Student performance on NBEO Part III;
13. Graduates' performance on State Boards;
14. Periodic Performance Improvement Studies of patient charts (Quality Assurance);
15. Patient Satisfaction Surveys;

16. Student evaluations of faculty teaching and course quality;
17. Student evaluations of clinical teaching by faculty;
18. Periodic evaluations of student externship experience;
19. Resident evaluations of program, faculty, and learning experiences;
20. Periodic review of clinical financial and activities reports;
21. Yearly evaluation of non-tenured faculty;
22. Evaluations of tenured faculty every three years;
23. Annual Report of the College to the President and Vice Presidents of the University;
24. Periodic assessment of policies and rules addressing academic and professional behavior standards;
25. Annual Report to the ACOE;
26. Periodic Faculty Meetings and Start of Semester Faculty Retreats;
27. Periodic Council Meetings of the Optometry Dean and Director of Student Affairs with Optometric Student Association leaders and/or all students;
28. Frequent meetings of the Optometry Dean, Associate Dean, Assistant Dean for Clinical Affairs, Assistant Dean for Academic Affairs, and Executive Assistant to the Dean.
29. As necessary and appropriate, counseling sessions with individual students and faculty;
30. Periodic staff meetings with administrators and supervisors;
31. Annual performance evaluations of administrative and clinical support staff;
32. Recommendations that come from the deliberations of the various Committees of the Oklahoma College of Optometry;
33. Evaluations of Continuing Medical Education Programs.

Data Analysis of the assessment results.

Provide the findings and an analysis for **each** program outcome assessed in AY21/22. This information will be included in the annual report on student learning submitted to the Oklahoma State Regents for Higher Education.

- Curriculum committee chair, Dr. Alan McKee, presented data regarding trends by discipline for NBEO parts 1, 2, and 3 for the past three years at the all faculty retreat held August 10, 2022. Faculty discussed areas of potential concern as well as disciplines with above average performance.
- As a result of the declining Part I board passage rates, the College implemented remediation measures to improve the performance of future classes. An analysis of student academic performance as measured by GPA in the optometry curriculum was found to be highly correlated with past performance of first-time takers on NBEO Part I. These measures included more frequent meetings with current students who had not yet taken NBEO examinations. These meetings, which included faculty, students both successful and unsuccessful in regards to NBEO passage, and representatives of the OAOP, had discussions and meetings regarding study habits and proper preparation for boards. In addition, individual instructors spent time in class discussing proper preparation strategies and self-assessment and awareness of performance and GPA to date in the optometry curriculum and how it potentially affects future board exam passage. Following these measures, the Class of 2022 first-time NBEO Part 1 passage rate from the March 2021 examination administration was 75.86%, and the Class of 2023 first-time NBEO Part 1 passage rate from the March 2022 examination administrations was 78.57%.

Plans for the Future.

What instructional changes were implemented as a result of last year’s assessment results. What instructional changes are planned in the future based on this year’s assessment results? This information will be included in the annual report on student learning submitted to the Oklahoma State Regents for Higher Education.

- The College will continue meeting with 1st, 2nd, and 3rd year students to discuss preparation for NBEO exams and correlation to performance in optometry basic science courses, stressing the need for mastery of this material and early NBEO preparation.
- The faculty and admissions committee will continue efforts toward recruitment of highly qualified applicants.
- To help attract more qualified students, admissions interviews now conclude with the new Optometry wing at the Cherokee Nation Outpatient Health Center (CNOHC). This state-of-the-art facility compares very favorably to the clinical settings at other optometry schools.
- The College will continue with the NSUOCO student interview portion of the admissions process to allow applicants to ask questions of current students. This has been well received by applicants and, hopefully, will help attract potential students.
- The College will continue fundraising efforts for its [Building Excellence: A Vision for the Future](#) capital campaign for construction of a new optometry facility. Plans are being finalized with hopes for a spring 2023 groundbreaking. This new facility should help attract highly qualified students.

Co-Curricular Assessment: If you have a voluntary immersive/experiential learning opportunity within your department, please complete the second table and corresponding questions

	Co-curricular Program Student Learning Outcome Assessed	Degree Program Learning Outcome	Degrees of Excellence Student Learning Outcome	Assessment Measure (include description of how the tool was administered)	Performance Target	Number of students assessed	Results (No. students meeting/not meeting performance target)
	NA						

Co-Curricular-Data Analysis of the assessment results.

Provide the findings and an analysis for **each** program outcome assessed in AY21/22. This information will be included in the annual report on student learning submitted to the Oklahoma State Regents for Higher Education.

NA

Co-Curricular-Plans for the Future.

What instructional changes were implemented as a result of last year’s assessment results. What instructional changes are planned in the future based on this year’s assessment results? This information will be included in the annual report on student learning submitted to the Oklahoma State Regents for Higher Education.

NA

Concerns or challenges COVID-19 presented to your assessment plan. Please explain any modifications that were necessary due to the impact of COVID-19. Include an explanation of how these modifications impacted data collection, the interpretation of your results, and your assessment plans for next year.

NA

Informal Experiential Learning Impact. Describe informal Immersive/Experiential Learning opportunities and the impact these opportunities have had on student learning or connections to the major. Examples could include job shadowing, guest professional speakers, or similar activities that are not measured through a formal assessment strategy.

Student Volunteer Optometric Services to Humanity (SVOSH) is a student organization devoted to preventative treatment and vision care needs in impoverished areas. The primary mission of SVOSH International is to facilitate the provision of vision care worldwide to people who can neither afford nor obtain such care. Due to circumstances surrounding the COVID-19 pandemic, SVOSH students were not able to take their annual trip to Roatán, Honduras, a community of people they have adopted as patients. That did not stop the SVOSH group. During AY 2021-2022, SVOSH took the pandemic as an opportunity to focus on fundraising and new outreach initiatives. The SVOSH executive team hosted their first *Photos with Santa* fundraising event in partnership with The Lift Coffee Bar, held multiple garage sales, hosted a *Spanish in Eyecare Learning Night*, and encouraged members to find local opportunities to give back to the community. Members of SVOSH branched out and began volunteering with both *Bedlam Clinic* and *Special Olympics Opening Eyes*. SVOSH will reestablish their care in Roatán, Honduras with plans for an August 2022 optometric mission trip including fifteen optometry students, three alumni optometrists, and one faculty member.

Special Olympics Opening Eyes

In May 2022, thirty optometry students, four faculty, four residents, four staff, two pre-optometry students, and five Stillwater High School students volunteered at the annual Special Olympics *Opening Eyes* event at Oklahoma State University in Stillwater, OK. They provided complimentary vision screenings for approximately two hundred Special Olympics athletes ranging in age from approximately six to sixty years old.

The **OU Bedlam Clinic**, located in Tulsa, Oklahoma, offers free acute and specialty care to the working uninsured in the Tulsa area. Optometry students and faculty have the opportunity to serve the community and provide eye exams to a predominantly diabetic population on a monthly basis. Although participation varies, typically one to two faculty members and approximately five students participate in the monthly clinic and see approximately ten to fifteen patients.

The local **Tahlequah Lions Club**, composed largely of NSUOCO faculty, staff and student members, strives to uphold their motto *We Serve*. The club has three main areas of focus: 1) providing eye care and glasses to those whose finances create a barrier to adequate care by fundraising to assist as many as possible, 2) keeping Felt's Park on 4th street clean as their adopted park, and 3) training and mentoring civic minded professionals. This year the club continued to clean the 4th Street Park (Felt's Park) every other month and served approximately 10-12 low income patients per quarter with free eye exams and glasses at a reduced cost in the NSU optometry clinic.

The **American Optometric Student Association (AOSA)** is a national optometric student organization that strives to give optometry students around the nation opportunities to better themselves through various means including student education webinars, professional networking events, travel grants to attend national meetings, local events, and more. Additionally, AOSA gives students an opportunity to get involved with the political side of optometry in order to ensure patient

protection and scope expansion for the future. AOSA members are involved in many events including volunteer service at the Special Olympics *Opening Eyes* event held in May 2022.

Twenty-eight fourth year optometry students, six residents, and four faculty members participated in **interprofessional education** in September of 2021. They conducted labs at OSU College of Medicine in Tulsa, OK and OSU College of Medicine at the Cherokee Nation in Tahlequah, OK, training second year medical students and physician assistant students on basic eye exam techniques for primary care and emergency room care. This training concentrated on the use of ophthalmic equipment including slit lamps and tonometers. 120 second year medical students and 25 physician assistant students were trained at OSU COM Tulsa and 52 second year medical students were trained at OSU COM at the Cherokee Nation - Tahlequah.

Name of Person Completing Form: Candace Riley, Executive Assistant to the Dean **Date:** 9/8/2022

Comments: