Optometry (OPTOM)

Courses
Expand all course descriptions [+]-Collapse all course descriptions [-]

OPTOM 10 The Eye and Vision in a Changing Environment 2 Units
Terms offered: Spring 2019, Spring 2018, Spring 2017
Course covers introduction to the basis of common sight-reducing visual disorders with major public health implications for society—e.g., myopia, cataracts, diabetic hypertensive eye disorders, developmental disorders (e.g., lazy eye), and environmentally induced disease and disorders (solar eye burns, cataracts). Major approaches to the prevention, diagnosis, and treatment of common disorders will be addressed in terms of the biological and optical sciences underlying the treatment or prevention. Impact of eye care on society and health and care delivery will be reviewed.
The Eye and Vision in a Changing Environment: Read More [+]

Hours & Format
Fall and/or spring: 15 weeks - 2 hours of lecture per week

Additional Details
Subject/Course Level: Optometry/Undergraduate
Grading/Final exam status: Letter grade. Final exam required.
Instructor: Adams

The Eye and Vision in a Changing Environment: Read Less [-]

OPTOM C10 The Eye and Vision in a Changing Environment 2 Units
Terms offered: Spring 2010, Spring 2009, Spring 2008
Course covers introduction to the basis of common sight-reducing visual disorders with major public health implications for society—e.g., myopia, cataracts, diabetic hypertensive eye disorders, developmental disorders (e.g., lazy eye), and environmentally induced disease and disorders (solar eye burns, cataracts). Major approaches to the prevention, diagnosis, and treatment of common disorders will be addressed in terms of the biological and optical sciences underlying the treatment or prevention. Impact of eye care on society and health and care delivery will be reviewed.
The Eye and Vision in a Changing Environment: Read More [+]

Hours & Format
Fall and/or spring: 15 weeks - 2 hours of lecture per week

Additional Details
Subject/Course Level: Optometry/Undergraduate
Grading/Final exam status: Letter grade. Final exam required.
Instructor: Adams
Also listed as: UGIS C10

The Eye and Vision in a Changing Environment: Read Less [-]

OPTOM 39B Freshman/Sophomore Seminar 2 - 4 Units
Terms offered: Fall 2010, Fall 2009, Fall 2008
Freshman and sophomore seminars offer lower division students the opportunity to explore an intellectual topic with a faculty member and a group of peers in a small-seminar setting. These seminars are offered in all campus departments; topics vary from department to department and from semester to semester. No prerequisites. Enrollment limits are set by the faculty, but the suggested limit is 25.
Freshman/Sophomore Seminar: Read More [+]

Rules & Requirements
Prerequisites:Priority given to freshmen and sophomores
Repeat rules: Course may be repeated for credit without restriction.

Hours & Format
Fall and/or spring: 15 weeks - 2-4 hours of seminar per week

Additional Details
Subject/Course Level: Optometry/Undergraduate
Grading/Final exam status: The grading option will be decided by the instructor when the class is offered. Final exam required.

Freshman/Sophomore Seminar: Read Less [-]

OPTOM 84 Sophomore Seminar 1 or 2 Units
Terms offered: Spring 2011, Spring 2010, Spring 2009
Sophomore seminars are small interactive courses offered by faculty members in departments all across the campus. Sophomore seminars offer opportunity for close, regular intellectual contact between faculty members and students in the crucial second year. The topics vary from department to department and semester to semester. Enrollment limited to 15 sophomores.

Sophomore Seminar: Read More [+]

Rules & Requirements
Prerequisites: At discretion of instructor
Repeat rules: Course may be repeated for credit when topic changes.

Hours & Format
Fall and/or spring: 5 weeks - 3-6 hours of seminar per week
10 weeks - 1.5-3 hours of seminar per week
15 weeks - 1-2 hours of seminar per week
Summer: 6 weeks - 2.5-5 hours of seminar per week
8 weeks - 1.5-3.5 hours of seminar and 2-4 hours of seminar per week

Additional Details
Subject/Course Level: Optometry/Undergraduate
Grading/Final exam status: The grading option will be decided by the instructor when the class is offered. Final exam required.

Sophomore Seminar: Read Less [-]
OPTOM 98 Directed Group Study 1 Unit
Terms offered: Spring 2019, Fall 2018, Spring 2018
Directed group study for undergraduates interested in the field of optometry.
Rules & Requirements
Credit Restrictions: Enrollment is restricted; This course requires consent of instructor
Hours & Format
Fall and/or spring: 15 weeks - 1 hour of directed group study per week
Additional Details
Subject/Course Level: Optometry/Undergraduate
Grading/Final exam status: Offered for pass/not pass grade only. Final exam required.
Instructor: Van Sluyters

OPTOM 198 Directed Group Studies 1 - 4 Units
Terms offered: Spring 2011, Spring 2010, Spring 2009
Directed group study for undergraduates interested in the field of Optometry.
Rules & Requirements
Credit Restrictions: Enrollment is restricted; requires consent of instructor
Repeat rules: Course may be repeated for credit without restriction.
Hours & Format
Fall and/or spring: 15 weeks - 1-4 hours of directed group study per week
Additional Details
Subject/Course Level: Optometry/Undergraduate
Grading/Final exam status: Offered for pass/not pass grade only. Final exam not required.

OPTOM 200A Clinical Examination of the Visual System 2 Units
Terms offered: Fall 2015, Fall 2014, Fall 2013
Fundamentals of the optometric examination. Case history, visual acuities, objective and subjective methods of determining refractive status. Basic examination of anterior ocular structures and the ocular fundus; perimetry.
Rules & Requirements
Repeat rules: Course may be repeated for credit with advisor consent.
Hours & Format
Fall and/or spring: 15 weeks - 2 hours of lecture per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Formerly known as: 100A

OPTOM 200AL Clinical Examination of the Visual System 3 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
Fundamentals of the optometric examination. Case history, visual acuities, objective and subjective methods of determining refractive status. Basic examination of anterior ocular structures and the ocular fundus; perimetry.
Rules & Requirements
Repeat rules: Course may be repeated for credit with advisor consent.
Hours & Format
Fall and/or spring: 15 weeks - 6 hours of laboratory per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.

Clinical Examination of the Visual System: Read Less [-]
OPTOM 200B Clinical Examination of the Visual System 2 Units
Terms offered: Spring 2016, Spring 2015, Spring 2014
Classification and epidemiology of refractive errors, evaluation of accommodative and binocular status. Tonometry, advanced techniques of examining the posterior pole, evaluation of visual pathway function. Clinical Examination of the Visual System: Read More [+]
Rules & Requirements
Prerequisites: 200A
Repeat rules: Course may be repeated for credit with advisor consent.
Hours & Format
Fall and/or spring: 15 weeks - 2 hours of lecture per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Formerly known as: 100B
Clinical Examination of the Visual System: Read Less [-]

OPTOM 200C Clinical Examination of the Visual System 2 Units
Terms offered: Fall 2015, Fall 2014, Fall 2013
Case analysis of refractive, accommodative, and binocular anomalies. Pediatric examination techniques. Advanced methods of examining the peripheral ocular fundus; anterior angle evaluation. Clinical Examination of the Visual System: Read More [+]
Rules & Requirements
Prerequisites: 200B
Repeat rules: Course may be repeated for credit with advisor consent.
Hours & Format
Fall and/or spring: 15 weeks - 2 hours of lecture per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Formerly known as: 100C
Clinical Examination of the Visual System: Read Less [-]

OPTOM 200BL Clinical Examination of the Visual System 3 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
Classification and epidemiology of refractive errors, evaluation of accommodative and binocular status. Tonometry, advanced techniques of examining the posterior pole, evaluation of visual pathway function. Clinical Examination of the Visual System: Read More [+]
Rules & Requirements
Prerequisites: Opt 200A, Opt 200AL
Repeat rules: Course may be repeated for credit with advisor consent.
Hours & Format
Fall and/or spring: 15 weeks - 6 hours of laboratory per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Clinical Examination of the Visual System: Read Less [-]

OPTOM 200BL Clinical Examination of the Visual System 3 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
Classification and epidemiology of refractive errors, evaluation of accommodative and binocular status. Tonometry, advanced techniques of examining the posterior pole, evaluation of visual pathway function. Clinical Examination of the Visual System: Read More [+]
Rules & Requirements
Prerequisites: Optom 200B
Repeat rules: Course may be repeated for credit with advisor consent.
Hours & Format
Fall and/or spring: 15 weeks - 4 hours of laboratory per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Clinical Examination of the Visual System: Read Less [-]
OPTOM 200D Clinical Examination of the Visual System 2 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
Modification of the exam sequence for specific patient needs. Evaluation and management of tear film disorders; analysis of vision with cataract. Patient management and professional communications; legal and ethical issues; managed care and optometry.
Clinical Examination of the Visual System: Read More [+]

Rules & Requirements
Prerequisites: 200C, 200CL
Repeat rules: Course may be repeated for credit with advisor consent.

Hours & Format
Fall and/or spring: 15 weeks - 2 hours of lecture per week

Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.

Clinical Examination of the Visual System: Read Less [-]

OPTOM 200DL Clinical Examination of the Visual System 2 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
Modification of the exam sequence for specific patient needs. Evaluation and management of tear film disorders; analysis of vision with cataract. Patient management and professional communications; legal and ethical issues; managed care and optometry.
Clinical Examination of the Visual System: Read More [+]

Rules & Requirements
Prerequisites: Optom 200C, Optom 200CL
Repeat rules: Course may be repeated for credit with advisor consent.

Hours & Format
Fall and/or spring: 15 weeks - 4 hours of laboratory per week

Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.

Clinical Examination of the Visual System: Read Less [-]

OPTOM 213 Evidence Based Optometry 1 Unit
Terms offered: Fall 2015, Fall 2014, Spring 2014
Basic concepts in evidence based optometry including various clinical study designs, potential sources of bias in each design as well as development of a systematic approach to evaluate strength of evidence from published studies, to identify potential limitations and develop appreciation for the importance of evidence based practice as a practice philosophy.
Evidence Based Optometry: Read More [+]

Rules & Requirements
Repeat rules: Course may be repeated for credit without restriction.

Hours & Format
Fall and/or spring: 15 weeks - 1 hour of lecture per week

Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Instructor: Liu

Evidence Based Optometry: Read Less [-]

OPTOM 222A Optics of Ophthalmic Lenses 4 Units
Terms offered: Spring 2016, Spring 2015, Fall 2014
Optical and physical characteristics of ophthalmic lenses, to include spheric and aspherical surface of single and multifocal lens designs, and ophthalmic prisms. Lens power measurement methods, lens thickness power relationships and considerations in designing prescription eyewear. Characteristics of absorptive lenses, ophthalmic coatings, lens materials, and their role in ocular protection.
Optics of Ophthalmic Lenses: Read More [+]

Rules & Requirements
Prerequisites: Vision Science 203A

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture and 2 hours of laboratory per week

Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Optics of Ophthalmic Lenses: Read Less [-]
OPTOM 222B Advanced Clinical Optics 2
Units
Terms offered: Fall 2015, Spring 2015, Fall 2014
Ophthalmic lens aberrations and minimization. Ophthalmic lens designs
relating to anisometropia, aniseikonia, and high refractive errors. Optics
of the eye, contact lens optics, and optical principles of low vision aids.
Environmental vision and related ophthalmic standards.
Advanced Clinical Optics: Read More [+]
Rules & Requirements
Prerequisites: 222A

OPTOM 226A Systemic Pharmacology 2.5
Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
Basic pharmacology, terminology, and concepts (both pharmacodynamic
and pharmacokinetic) and pharmacotherapy of medical conditions
commonly encountered in clinical optometric practice (including
cardiovascular disease, respiratory disease, diabetes, infection and
inflammatory conditions, as well as central nervous system disorders).
Systemic Pharmacology: Read More [+]
Rules & Requirements
Prerequisites: Vision Science 206D

OPTOM 226B Ocular Pharmacology 2.5 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
Basic pharmacology, terminology, and concepts (both pharmacodynamic
and pharmacokinetic) as applied to the eye and ophthalmic drugs, clinical
prescribing issues including formulation, dosing and prescribing, and
pharmacotherapy of anti-inflammatory, centrally acting, hormonal and
other "specialist" systemic drugs.
Ocular Pharmacology: Read More [+]
Rules & Requirements
Prerequisites: 222A

OPTOM 230A Graduate General Clinical
Practice 2 - 6 Units
Terms offered: Fall 2015, Fall 2014, Fall 2013
General optometric practice for four hours per week per credit hour,
including optometric examination, dispensing, consultation, and
subsequent vision care of patients, performed independently by graduate
student clinicians.
Graduate General Clinical Practice: Read More [+]
Rules & Requirements
Prerequisites: O.D. degree
Repeat rules: Course may be repeated for credit without restriction.

OPTOM 222B Advanced Clinical Optics 2
Units
Terms offered: Fall 2015, Spring 2015, Fall 2014
Ophthalmic lens aberrations and minimization. Ophthalmic lens designs
relating to anisometropia, aniseikonia, and high refractive errors. Optics
of the eye, contact lens optics, and optical principles of low vision aids.
Environmental vision and related ophthalmic standards.
Advanced Clinical Optics: Read More [+]
Rules & Requirements
Prerequisites: 222A

OPTOM 226A Systemic Pharmacology 2.5
Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
Basic pharmacology, terminology, and concepts (both pharmacodynamic
and pharmacokinetic) and pharmacotherapy of medical conditions
commonly encountered in clinical optometric practice (including
cardiovascular disease, respiratory disease, diabetes, infection and
inflammatory conditions, as well as central nervous system disorders).
Systemic Pharmacology: Read More [+]
Rules & Requirements
Prerequisites: Vision Science 206D

OPTOM 226B Ocular Pharmacology 2.5 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
Basic pharmacology, terminology, and concepts (both pharmacodynamic
and pharmacokinetic) as applied to the eye and ophthalmic drugs, clinical
prescribing issues including formulation, dosing and prescribing, and
pharmacotherapy of anti-inflammatory, centrally acting, hormonal and
other "specialist" systemic drugs.
Ocular Pharmacology: Read More [+]
Rules & Requirements
Prerequisites: 222A

OPTOM 230A Graduate General Clinical
Practice 2 - 6 Units
Terms offered: Fall 2015, Fall 2014, Fall 2013
General optometric practice for four hours per week per credit hour,
including optometric examination, dispensing, consultation, and
subsequent vision care of patients, performed independently by graduate
student clinicians.
Graduate General Clinical Practice: Read More [+]
Rules & Requirements
Prerequisites: O.D. degree
Repeat rules: Course may be repeated for credit without restriction.

OPTOM 222B Advanced Clinical Optics 2
Units
Terms offered: Fall 2015, Spring 2015, Fall 2014
Ophthalmic lens aberrations and minimization. Ophthalmic lens designs
relating to anisometropia, aniseikonia, and high refractive errors. Optics
of the eye, contact lens optics, and optical principles of low vision aids.
Environmental vision and related ophthalmic standards.
Advanced Clinical Optics: Read More [+]
Rules & Requirements
Prerequisites: 222A

OPTOM 226A Systemic Pharmacology 2.5
Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
Basic pharmacology, terminology, and concepts (both pharmacodynamic
and pharmacokinetic) and pharmacotherapy of medical conditions
commonly encountered in clinical optometric practice (including
cardiovascular disease, respiratory disease, diabetes, infection and
inflammatory conditions, as well as central nervous system disorders).
Systemic Pharmacology: Read More [+]
Rules & Requirements
Prerequisites: Vision Science 206D

OPTOM 226B Ocular Pharmacology 2.5 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
Basic pharmacology, terminology, and concepts (both pharmacodynamic
and pharmacokinetic) as applied to the eye and ophthalmic drugs, clinical
prescribing issues including formulation, dosing and prescribing, and
pharmacotherapy of anti-inflammatory, centrally acting, hormonal and
other "specialist" systemic drugs.
Ocular Pharmacology: Read More [+]
Rules & Requirements
Prerequisites: 222A

OPTOM 230A Graduate General Clinical
Practice 2 - 6 Units
Terms offered: Fall 2015, Fall 2014, Fall 2013
General optometric practice for four hours per week per credit hour,
including optometric examination, dispensing, consultation, and
subsequent vision care of patients, performed independently by graduate
student clinicians.
Graduate General Clinical Practice: Read More [+]
Rules & Requirements
Prerequisites: O.D. degree
Repeat rules: Course may be repeated for credit without restriction.
OPTOM 230B Graduate General Clinical Practice 2 - 6 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
General optometric practice for four hours per week per credit hour, including optometric examination, dispensing, consultation, and subsequent vision care of patients, performed independently by graduate student clinicians.
Graduate General Clinical Practice: Read More [+]
Rules & Requirements
Prerequisites: O.D. degree
Repeat rules: Course may be repeated for credit without restriction.
Hours & Format
Fall and/or spring: 15 weeks - 0 hours of clinic per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Graduate General Clinical Practice: Read Less [-]

OPTOM 231A Graduate Specialty Clinics 2 - 8 Units
Terms offered: Fall 2015, Fall 2014, Fall 2013
Clinical examination of patients in designated specialty clinics. More than one clinical specialty may be taken simultaneously.
Graduate Specialty Clinics: Read More [+]
Rules & Requirements
Prerequisites: O.D. degree
Repeat rules: Course may be repeated for credit without restriction.
Hours & Format
Fall and/or spring: 15 weeks - 0 hours of clinic per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Graduate Specialty Clinics: Read Less [-]

OPTOM 231B Graduate Specialty Clinics 2 - 8 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
Clinical examination of patients in designated specialty clinics. More than one clinical specialty may be taken simultaneously.
Graduate Specialty Clinics: Read More [+]
Rules & Requirements
Prerequisites: O.D. degree
Repeat rules: Course may be repeated for credit without restriction.
Hours & Format
Fall and/or spring: 15 weeks - 0 hours of clinic per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Instructor: Orel-Bixler
Graduate Specialty Clinics: Read Less [-]

OPTOM 236A Systemic Disease and its Ocular Manifestations 3 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
The pathophysiology, pharmacotherapy, and clinical management of systemic and ocular diseases will be discussed through a combination of lecture and problem-based learning approaches. Disease processes will be emphasized and include cellular injury and repair, inflammation, infection, degeneration, and neoplasia. Neurologic, cardiovascular, endocrine, pulmonary, and congenital disease and their relative ocular manifestations will be presented.
Systemic Disease and its Ocular Manifestations: Read More [+]
Rules & Requirements
Prerequisites: 200D. 236A is a prerequisite for 236B
Hours & Format
Fall and/or spring: 15 weeks - 2 hours of lecture and 2 hours of discussion per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Instructor: Harvey
Systemic Disease and its Ocular Manifestations: Read Less [-]
OPTOM 236B Systemic Disease and its Ocular Manifestations 3 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
The pathophysiology, pharmacotherapy, and clinical management of systemic and ocular diseases will be discussed through a combination of lecture and problem-based learning approaches. Disease processes will be emphasized and include cellular injury and repair, inflammation, infection, degeneration, and neoplasia. Neurologic, cardiovascular, endocrine, pulmonary, and congenital disease and their relative ocular manifestations will be presented.
Systemic Disease and its Ocular Manifestations: Read More [+]
Rules & Requirements
Prerequisites: 236A
Hours & Format
Fall and/or spring: 15 weeks - 2 hours of lecture and 2 hours of discussion per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Instructor: Harvey
Systemic Disease and its Ocular Manifestations: Read Less [-]

OPTOM 240 Diagnosis and Treatment of Sensory/Motor Anomalies 3 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
Diagnosis and treatment of heterophoria, accommodative, vergence and oculomotor anomalies including sensory anomalies and amblyopia. Rationale and methods for treatment with lenses, prism, occlusion, and vision training. Design and implementation of treatment programs.
Diagnosis and Treatment of Sensory/Motor Anomalies: Read More [+]
Rules & Requirements
Prerequisites: Vision Science 217 and 219
Hours & Format
Fall and/or spring: 15 weeks - 2.5 hours of lecture and 16 hours of laboratory per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Formerly known as: 140
Diagnosis and Treatment of Sensory/Motor Anomalies: Read Less [-]

OPTOM 241 Advanced Management and Rehabilitation of Sensory/Motor Anomalies 3 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
Advanced diagnosis, prognosis and treatment of strabismus, neurologic oculomotor disorders, amblyopia, and other associated sensory anomalies. Assessment and management of developmental and acquired visual perceptual disorders in relationship to learning disabilities. Design and implementation of treatment programs.
Advanced Management and Rehabilitation of Sensory/Motor Anomalies: Read More [+]
Rules & Requirements
Prerequisites: 240
Hours & Format
Fall and/or spring: 15 weeks - 2.5 hours of lecture and 16 hours of laboratory per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Formerly known as: 141
Advanced Management and Rehabilitation of Sensory/Motor Anomalies: Read Less [-]

OPTOM 246 Diagnosis and Treatment of Anterior Segment Ocular Disease 4 Units
Terms offered: Fall 2015, Fall 2014, Fall 2013
This course series consists of the pathophysiology, pharmacotherapy, and clinical management of systemic and ocular diseases through a combination of lecture and problem-based learning approaches. Disease processes will be emphasized and include cellular injury and repair, inflammation, infection, degeneration, and neoplasia. Neurologic, cardiovascular, endocrine, pulmonary, and congenital disease, and their relative ocular manifestations will be presented. The basic principles of pharmacology will be followed by overviews of drugs used to treat diseases of each system. The role of the optometrist in the health care system will be emphasized.
Diagnosis and Treatment of Anterior Segment Ocular Disease: Read More [+]
Rules & Requirements
Prerequisites: 236
Hours & Format
Fall and/or spring: 15 weeks - 4 hours of lecture per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Formerly known as: 146
Diagnosis and Treatment of Anterior Segment Ocular Disease: Read Less [-]
OPTOM 251 Low Vision 2.5 Units
Terms offered: Fall 2015, Fall 2014, Fall 2013
Epidemiology and etiology of low vision. Optical principles of low vision aids. Optometric examination and treatment of the low vision patient. Interdisciplinary rehabilitation resources, counseling, and referral.
Low Vision: Read More [+]

Rules & Requirements

Prerequisites: 200D

Hours & Format

Fall and/or spring: 15 weeks - 2.5 hours of lecture per week

Additional Details

Subject/Course Level: Optometry/Graduate

Grading: Letter grade.

Formerly known as: 151

Low Vision: Read Less [-]

OPTOM 256 Diagnosis and Treatment of Posterior Segment Ocular Disease 4 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
This course series consists of the pathophysiology, pharmacotherapy, and clinical management of systemic and ocular diseases through a combination of lecture and problem-based learning approaches. Disease processes will be emphasized and include cellular injury and repair, inflammation, infection, degeneration, and neoplasia. Neurologic, cardiovascular, endocrine, pulmonary, and congenital disease and their relative ocular manifestations will be presented. The basic principles of pharmacology will be followed by overviews of drugs used to treat diseases of each system. The role of the optometrist in the health care system will be emphasized.
Diagnosis and Treatment of Posterior Segment Ocular Disease: Read More [+]

Rules & Requirements

Prerequisites: 246

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of lecture per week

Additional Details

Subject/Course Level: Optometry/Graduate

Grading: Letter grade.

Formerly known as: 160A

Diagnosis and Treatment of Posterior Segment Ocular Disease: Read Less [-]

OPTOM 260A Contact Lenses: Examination Principles and Practice 3 Units
Terms offered: Spring 2019, Spring 2018, Spring 2017
Examination procedures and instrumentation used in monitoring the ocular response to contact lenses. Contact lens inspection, care, and handling. Physical and optical properties of contact lenses. Fitting contact lenses to the human eye, clinical implications. The Sarver Lecture series in Contact Lenses (12 hours on a Saturday and Sunday.)
Contact Lenses: Examination Principles and Practice: Read More [+]

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of lecture and 2 hours of laboratory per week

Additional Details

Subject/Course Level: Optometry/Graduate

Grading: Letter grade.

Formerly known as: 160A

Contact Lenses: Examination Principles and Practice: Read Less [-]

OPTOM 270B Eyecare Business and Professional Management I 2 Units
Terms offered: Fall 2015, Fall 2014, Fall 2013
A review of the optometric profession and its opportunities. Debt management, goal setting, professional practice operations including accounting and finance, patient communications, fee calculation, scheduling, office systems flow and operations. Professional ethics, malpractice, and microeconomics as it affects the practice of optometry.
Eyecare Business and Professional Management I: Read More [+]

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of lecture per week

Additional Details

Subject/Course Level: Optometry/Graduate

Grading: Letter grade.

Eyecare Business and Professional Management I: Read Less [-]
OPTOM 270C Eyecare Business and Professional Management II 2 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
Entrepreneurship, financing alternatives, business loans, human resources, marketing, personal finance, business law as it affects optometry.

Eyecare Business and Professional Management II: Read More [+]

Rules & Requirements

Prerequisites: 270A

Hours & Format
Fall and/or spring: 15 weeks - 2 hours of lecture per week

Additional Details
Subject/Course Level: Optometry/Graduate

Grading: Letter grade.

Eyecare Business and Professional Management II: Read Less [-]

OPTOM 281A Graduate Clinical Rounds 1 - 3 Units
Terms offered: Fall 2015, Fall 2014, Fall 2013
Presentation and discussion of the diagnosis, etiology, prognosis, and treatment of selected clinical cases.

Graduate Clinical Rounds: Read More [+]

Rules & Requirements

Prerequisites: O.D. degree

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format
Fall and/or spring: 15 weeks - 0 hours of seminar per week

Additional Details
Subject/Course Level: Optometry/Graduate

Grading: Offered for satisfactory/unsatisfactory grade only.

Graduate Clinical Rounds: Read Less [-]

OPTOM 281B Graduate Clinical Rounds 1 - 3 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
Presentation and discussion of the diagnosis, etiology, prognosis, and treatment of selected clinical cases.

Graduate Clinical Rounds: Read More [+]

Rules & Requirements

Prerequisites: O.D. degree

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format
Fall and/or spring: 15 weeks - 0 hours of seminar per week

Additional Details
Subject/Course Level: Optometry/Graduate

Grading: Offered for satisfactory/unsatisfactory grade only.

Graduate Clinical Rounds: Read Less [-]

OPTOM 291A Optometry Research Project 1 Unit
Terms offered: Fall 2015, Fall 2014, Fall 2013
Thesis research for optometry students. Presentation of research results.

Graduate Clinical Rounds: Read More [+]

Rules & Requirements

Prerequisites: 290A-290B

Hours & Format
Fall and/or spring: 15 weeks - 1 hour of discussion per week

Additional Details
Subject/Course Level: Optometry/Graduate

Grading: Offered for satisfactory/unsatisfactory grade only. This is part one of a year long series course. A provisional grade of IP (in progress) will be applied and later replaced with the final grade after completing part two of the series.

Instructor: Cohn

Formerly known as: 191A-191B

Optometry Research Project: Read Less [-]
OPTOM 291B Optometry Research Project 1
Unit
Terms offered: Spring 2017, Spring 2016, Spring 2015
Thesis research for optometry students. Presentation of research results.
Optometry Research Project: Read More [+]
Rules & Requirements
Prerequisites: 290A-290B

Hours & Format
Fall and/or spring: 15 weeks - 1 hour of discussion per week

Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Offered for satisfactory/unsatisfactory grade only. This is part two of a year long series course. Upon completion, the final grade will be applied to both parts of the series.
Formerly known as: 190A-190B
Optometry Research Project: Read Less [-]

OPTOM 292B Graduate Optometry Seminar 1
- 3 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
Graduate seminars on selected topics in clinical optometry.
Graduate Optometry Seminar: Read More [+]
Rules & Requirements
Prerequisites: O.D. degree
Repeat rules: Course may be repeated for credit without restriction.

Hours & Format
Fall and/or spring: 15 weeks - 0 hours of seminar per week

Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Offered for satisfactory/unsatisfactory grade only.
Graduate Optometry Seminar: Read Less [-]

OPTOM 292A Graduate Optometry Seminar 1
- 3 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
Graduate seminars on selected topics in clinical optometry.
Graduate Optometry Seminar: Read More [+]
Rules & Requirements
Prerequisites: O.D. degree
Repeat rules: Course may be repeated for credit without restriction.

Hours & Format
Fall and/or spring: 15 weeks - 0 hours of seminar per week

Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Offered for satisfactory/unsatisfactory grade only.
Graduate Optometry Seminar: Read Less [-]

OPTOM 298A Independent or Group Studies
1 - 6 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
Directed studies on a selected topic(s) within optometry.
Independent or Group Studies: Read More [+]
Rules & Requirements
Prerequisites: O.D. degree
Repeat rules: Course may be repeated for credit without restriction.

Hours & Format
Fall and/or spring: 15 weeks - 0 hours of independent study per week

Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.
Independent or Group Studies: Read Less [-]
OPTOM 298B Independent or Group Studies
1 - 6 Units
Terms offered: Spring 2019, Spring 2018, Spring 2017
Directed studies on a selected topic(s) within optometry.
Independent or Group Studies: Read More [+]
Rules & Requirements
Prerequisites: O.D. degree
Repeat rules: Course may be repeated for credit without restriction.
Hours & Format
Fall and/or spring: 15 weeks - 0 hours of independent study per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.

OPTOM 299B Graduate Optometry Research
2 - 4 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
Directed research on a selected topic within clinical optometry.
Graduate Optometry Research: Read More [+]
Rules & Requirements
Prerequisites: O.D. Degree
Repeat rules: Course may be repeated for credit without restriction.
Hours & Format
Fall and/or spring: 15 weeks - 0 hours of independent study per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.

OPTOM 299A Graduate Optometry Research
2 - 4 Units
Terms offered: Fall 2015, Fall 2014, Fall 2013
Directed research on a selected topic within clinical optometry.
Graduate Optometry Research: Read More [+]
Rules & Requirements
Prerequisites: O.D. Degree
Repeat rules: Course may be repeated for credit without restriction.
Hours & Format
Fall and/or spring: 15 weeks - 0 hours of independent study per week
Additional Details
Subject/Course Level: Optometry/Graduate
Grading: Letter grade.

OPTOM 430A Optometry Clinics 4 Units
Terms offered: Summer 2017 First 6 Week Session, Summer 2017 Second 6 Week Session, Summer 2016 Second 6 Week Session
Clinical practice in examination techniques and interpretation of clinical data. Primary care optometric exams.
Optometry Clinics: Read More [+]
Rules & Requirements
Prerequisites: Opt 200D and Opt 200DL
Repeat rules: Course may be repeated for credit without restriction.
Hours & Format
Summer: 6 weeks - 24 hours of clinic and 3 hours of seminar per week
Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Letter grade.

Optometry Clinics: Read Less [-]
OPTOM 430B Optometry Clinics 9 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
Examination of patients in a primary care setting, prescribing of optometric therapy, management of emergency procedures, and vision screenings of children and adults.
Optometry Clinics: Read More [+]

Rules & Requirements
Prerequisites: 430A

Hours & Format
Summer:
6 weeks - 37 hours of clinic, 1.5 hours of lecture, and 5 hours of seminar per week
8 weeks - 32 hours of clinic, 1 hour of lecture, and 4 hours of seminar per week

Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Letter grade.
Instructor: Revelli
Optometry Clinics: Read Less [-]

OPTOM 430C Optometry Clinics 9 Units
Terms offered: Spring 2019, Spring 2018, Spring 2017
Examination of patients in a primary care setting, prescribing of optometric therapy, management of emergency procedures, and vision screenings of children and adults.
Optometry Clinics: Read More [+]

Rules & Requirements
Prerequisites: 430A

Hours & Format
Summer:
6 weeks - 37 hours of clinic, 1.5 hours of lecture, and 5 hours of seminar per week
8 weeks - 32 hours of clinic, 1 hour of lecture, and 4 hours of seminar per week

Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Letter grade.
Instructor: Ozawa
Optometry Clinics: Read Less [-]

OPTOM 432 Introduction to Clinical Topics for the New Clinician 2 Units
Terms offered: Summer 2017 10 Week Session
This course emphasizes ocular conditions and diseases that are commonly encountered during patient care. The goal is to improve observational skills for new clinicians by presenting clinical information in a Grand Rounds format and to increase efficiency for comprehensive eye examinations by outlining alternative strategies for examining patients and analyzing clinical data.
Introduction to Clinical Topics for the New Clinician: Read More [+]

Rules & Requirements
Prerequisites: Optom 200D Clinical Examination of the Visual System
Repeat rules: Course may be repeated for credit with advisor consent.

Hours & Format
Summer: 10 weeks - 2 hours of lecture and 1 hour of discussion per week

Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Letter grade.
Instructor: Ozawa
Introduction to Clinical Topics for the New Clinician: Read Less [-]

OPTOM 435 Advanced Procedures in Ocular Disease Diagnosis 2 Units
Terms offered: Fall 2018, Fall 2017, Fall 2016
Instrumentation, techniques, and principles for examination, diagnosis, and treatment of ocular disease. Introduction to optometric informatics related to ocular disease.
Advanced Procedures in Ocular Disease Diagnosis: Read More [+]

Rules & Requirements
Repeat rules: Course may be repeated for credit without restriction.

Hours & Format
Fall and/or spring: 15 weeks - 1 hour of lecture and 2 hours of laboratory per week

Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Letter grade.
Advanced Procedures in Ocular Disease Diagnosis: Read Less [-]
**OPTOM 440A Advanced Optometry Clinic 2.5 Units**
Terms offered: Summer 2017 First 6 Week Session, Summer 2017 Second 6 Week Session, Summer 2016 Second 6 Week Session
Optometric examination of patients in the primary care clinic performed independently by student clinicians under supervision of the clinical staff.
Rules & Requirements
Prerequisites: 430C
Repeat rules: Course may be repeated for credit up to a total of 3 times.
Hours & Format
Summer: 6 weeks - 2 hours of seminar and 16 hours of clinic per week
Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Letter grade.
Instructor: Revelli

**OPTOM 441A Specialty Clinics 2.5 Units**
Terms offered: Summer 2017 First 6 Week Session, Summer 2017 Second 6 Week Session, Summer 2016 Second 6 Week Session
Examination, diagnosis, prognosis, treatment, and management of patients in the specialty clinics.
Rules & Requirements
Prerequisites: 430C
Repeat rules: Course may be repeated for credit up to a total of 3 times.
Hours & Format
Summer: 6 weeks - 2 hours of seminar and 16 hours of clinic per week
Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Letter grade.
Instructor: Revelli

**OPTOM 440B Advanced Optometry Clinic 9 Units**
Terms offered: Fall 2018, Fall 2017, Fall 2016
Examination of patients in a primary care setting. Diagnosis, prognosis, treatment, patient management and follow-up.
Rules & Requirements
Prerequisites: 440A and 441A
Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Letter grade.
Instructor: Revelli

**OPTOM 441B Specialty Clinics 7 Units**
Terms offered: Fall 2015, Fall 2014, Fall 2013
Examination, diagnosis, prognosis, treatment, and/or management of patients in specialty clinics; ocular disease, contact lenses, binocular vision, ophthalmic optics, and environmental and occupational vision.
Rules & Requirements
Prerequisites: 440A and 441A (offered Summer Session only)
Hours & Format
Summer:
6 weeks - 2.5 hours of seminar and 18 hours of clinic per week
8 weeks - 2 hours of seminar and 16 hours of clinic per week
Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Letter grade.
Instructor: Revelli

**OPTOM 440C Advanced Optometry Clinic 9 Units**
Terms offered: Spring 2019, Spring 2018, Spring 2017
Examination of patients in a primary care setting. Diagnosis, prognosis, treatment, patient management and follow-up.
Rules & Requirements
Prerequisites: 440A and 441A (offered Summer Session only)
Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Letter grade.
Instructor: Revelli

**OPTOM 441C Advanced Optometry Clinic 9 Units**
Terms offered: Spring 2019, Spring 2018, Spring 2017
Examination of patients in a primary care setting. Diagnosis, prognosis, treatment, patient management and follow-up.
Rules & Requirements
Prerequisites: 440A and 441A (offered Summer Session only)
OPTOM 441C Specialty Clinics 7 Units
Terms offered: Spring 2019, Spring 2018, Spring 2017
Examination, diagnosis, prognosis, treatment, and/or management of patients in specialty clinics; ocular disease, contact lenses, binocular vision, ophthalmic optics, and environmental and occupational vision.
Specialty Clinics: Read More [+]
Rules & Requirements
Prerequisites: 440A and 441A (offered Summer Session only)
Hours & Format
Summer:
6 weeks - 2.5 hours of seminar and 18 hours of clinic per week
8 weeks - 2 hours of seminar and 16 hours of clinic per week
Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Letter grade.
Specialty Clinics: Read Less [-]

OPTOM 450B Grand Rounds and Seminar 2 Units
Terms offered: Spring 2019, Spring 2018, Spring 2017
Presentation of clinical cases demonstrating basic and advanced optometric care, including diagnosis, treatment, and patient management.
Grand Rounds and Seminar: Read More [+]
Rules & Requirements
Prerequisites: 440A
Hours & Format
Fall and/or spring: 15 weeks - 2 hours of discussion per week
Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Letter grade.
Instructor: Revelli
Grand Rounds and Seminar: Read Less [-]

OPTOM 452 Current Concepts in Ocular Disease 1 Unit
Terms offered: Spring 2019, Spring 2018, Spring 2017
Recent advances in the detection, diagnosis, and management of ocular disease.
Current Concepts in Ocular Disease: Read More [+]
Rules & Requirements
Prerequisites: 440B and 441B
Hours & Format
Fall and/or spring: 15 weeks - 1 hour of seminar per week
Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Letter grade.
Instructors: Bailey, Sheedy
Formerly known as: 450B-450C
Current Concepts in Ocular Disease: Read Less [-]
OPTOM 490A Optometric Spanish - Beginner Level I 1 Unit
Terms offered: Prior to 2007
This course provides an introduction to Spanish in its uses in a clinical optometry setting with the Spanish-speaking patient. Basic vocabulary and grammar acquisition and skill building exercises will help the practitioner perform conversations and procedures in simple but accurate and clear communications. The sounds and structures of Spanish, including the present tense and some other verbs will be covered. All materials will be taught and practiced in relation to their practical application in a clinical setting.

Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Offered for satisfactory/unsatisfactory grade only.

OPTOM 490B Optometric Spanish - Intermediate Level II 1 Unit
Terms offered: Summer 2008 10 Week Session
This course provides vocabulary and grammar acquisition and skill building for the intermediate to advanced Spanish student who works with Spanish-speaking patients in the field of optometry. Emphasis is on practical, hands-on application of the materials: patient interviewing, doing various aspects of the eye exam, taking a history, and giving diagnostic, treatment, and follow-through information to the patient, with appropriate cultural sensitivity, taking into consideration the socio-cultural background of the patient. The goal is accurate and sophisticated communication.

Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Offered for satisfactory/unsatisfactory grade only.

OPTOM 499 Supervised Independent Study 1 - 12 Units
Terms offered: Spring 2019, Fall 2018, Spring 2018
Independent study under control of Associate Dean for Student Affairs.

Rules & Requirements
Prerequisites: Consent of instructor
Repeat rules: Course may be repeated for credit without restriction.

Additional Details
Subject/Course Level: Optometry/Other professional
Grading: Offered for satisfactory/unsatisfactory grade only.