Admission

Admissibility to the University of California is the first step in applying for admission to a professional school or curriculum, but does not guarantee a place in the class. The University’s admission requirements are summarized briefly below. For further information, consult the Entrance to the University bulletin available at the Admissions Office on any UC campus.

Admission with a Bachelor’s Degree

Students entering the University in any professional curriculum with a bachelor’s degree or higher degree from an approved institution must have attained a minimum grade-point average of 2.0 (2.8 if a nonresident) in all academic work attempted. The program of studies leading to the bachelor’s degree must be substantially equivalent in academic content to the bachelor’s degree awarded by the University of California.

Admission without a Bachelor’s Degree

Applicants for admission to any professional school on the San Francisco campus must have some college preparation. Applicants must have attained a minimum grade-point average of 2.4 (2.8 if a nonresident), unless an applicant has attended a University of California campus as a full-time student or was UC eligible from high school. If so, a minimum 2.0 grade-point average is required.

Applicants without a baccalaureate degree who are unable to provide proof of having successfully completed four years of high school English or equivalent will be required to fulfill this general University of California admission requirement by taking English courses in addition to those required for admission. They must also satisfy the American History and Institutions and Subject A requirements.

For more information, write to the Admission Office of the particular school (see Addresses, p. 34).

Courses

This is a compendium of the courses of instruction offered by the University of California. San Francisco. Additional courses are offered by the school (see Addresses section) under their programs of Continuing Education. Courses are arranged in numerical order under alphabetically listed subject headings. As these headings do not correspond to a department, the responsible department or other institutional unit is indicated at the end of the course description. Abbreviations used for these departments or institutional units are spelled out in the list below. Inquiries about individual courses should be addressed to the indicated department or institutional unit for information that is not included here, nor in the separately published bulletin of the particular school or of the Graduate Division. These bulletins, available from the respective schools or the Graduate Division, indicate, for example, the place of various courses in the different established curricula.

Course Description. Course information is arranged in three paragraphs. The first paragraph includes course number, title, units (in parentheses), session offered, prerequisites, format and breakdown of hours per week. The second paragraph names the instructor(s) in charge. The third describes the course content, followed by department or other institutional unit.

Course Numbers. All courses are numbered according to the following system: 100 series = upper division professional course, 200 and 300 series = graduate academic course, and 400 series = post-doctoral professional course.

The meaning of the second (ten) and third (units) digits varies among the schools. A detailed explanation of course numbering is available from the office of the dean of each school. The symbol ⅔ following the units designates a course approved for credit toward a graduate academic degree. Session: Su = summer session, SS = summer session, F = fall quarter, W = winter quarter, Sp = spring quarter.

Departments and Other Institutional Units

ANATOMY
Department of Anatomy, School of Medicine

ANESTHESIA
Department of Anesthesiology, School of Medicine

BIOCHEM
Department of Biochemistry and Biophysics, School of Medicine

BIOPHARM SC
Department of Biopharmaceutical Sciences, School of Pharmacy

CL PHARM
Division of Clinical Pharmacy, School of Pharmacy

COMM HRT SYST
Department of Community Health Systems, School of Nursing

DENT PUB HTH
Department of Dental Public Health and Biometry, School of Dentistry

DERMATOL
Department of Dermatology, School of Medicine

EPI & BIOSYST
Department of Epidemiology and Biostatistics, School of Medicine

FM CM MED
Division of Family and Community Medicine, School of Medicine

FM HTH
Department of Family and Community Health Care, School of Medicine

GR DVE
Department of Growth and Development, School of Dentistry

HPE HT
Department of History of Health Sciences, School of Medicine

LAB MED
Department of Laboratory Medicine, School of Medicine

MEDCIN
Department of Medicine, School of Medicine

MICROBOL
Department of Microbiology and Immunology, School of Medicine

NEURO SURG
Department of Neurological Surgery, School of Medicine

NEUROLOGY
Department of Neurology, School of Medicine

OH CV RN R
Department of Obstetrics, Gynecology and Reproductive Science, School of Medicine

OSFTHALMOL
Department of Ophthalmology, School of Medicine

ORAL & MAX SURG
Department of Oral and Maxillofacial Surgery, School of Dentistry

ORTHOSURG
Department of Orthopaedic Surgery, School of Medicine

OTOASOLN
Department of Otolaryngology, School of Medicine

PATHOLOGY
Department of Pathology, School of Medicine

PEDIATRICS
Department of Pediatrics, School of Medicine

PHARM CHEM
Department of Pharmaceutical Chemistry, School of Pharmacy

PHARM DCH
Department of Pharmacology, School of Medicine

PHYSOL NGUS
Department of Physiological Nursing, School of Nursing

PHYSIOLOGY
Department of Physiology, School of Medicine

PSYCHATRY
Department of Psychiatry, School of Medicine

RADOLG
Department of Radiology, School of Medicine

REST & DENT
Department of Restorative Dentistry, School of Medicine

SOC BEH SCI
Department of Social and Behavioral Sciences, School of Nursing

STOMATOLO
Department of Stomatology, School of Dentistry

SURGERY
Department of Surgery, School of Medicine

URGOLOGY
Department of Urology, School of Medicine

Hospitals

AG
Alta Bates-McGee Hospital, Berkeley
AS
Alameda County Hospital, Alameda
BDM
Buchanan Dental Clinic
C
California Pacific Medical Center-Ceridian campus, San Francisco (formerly Children’s Hospital)
CM
Children’s Medical Center, San Francisco, California, Oakland
CHS
Continuum Hospital, Santa Rosa
CMC
Cone Memorial Hospital, Berkeley
CSHR
Center for Special Problems, San Francisco
DCH
Dair Woman Hospital, Davenport
DMC
Dana Medical Center, San Francisco
EICH
Eichler Community Hospital and Medical Center, Fresno
FR
Frazier Foundation Hospital-French camp, San Francisco
GS
Good Samaritan Hospital of Santa Clara Valley, San Jose
HG
Highland General Hospital, Oakland
K
Kaiser Foundation Hospital, San Francisco
KH
Kaiser Foundation Hospital, Oakland
KIC
Kaiser Foundation Hospital, Mountain View
KOF
Kaiser Foundation Hospital, Pleasant Hill
KSF
Kaiser Foundation Hospital, South San Francisco
KWC
Kaiser Foundation Hospital, Walnut Creek
LMH
Louisa May House Hospital and Health Administration Center, San Francisco
LP
Lady Bird Johnson Hospital, San Francisco
LPN
Lumpkin Public Hospitals and Clinics, San Francisco
MC
Marina Medical Center, Pleasant Hill
MS
Medical General Hospital, Greenbrae
MHB
Memorial Medical Center-Long Beach
MZ
Mount Zion Medical Center, UCSF, San Francisco
NAT
National Medical Center, Salinas
NMC
Napa Hospital, Napa
NS
Napa State Hospital, Napa
OC
O’Connor Hospital, San Jose
PH
Philips-Penrose Hospitals, Burlington
PMS
California Pacific Medical Center-Pacific campus, San Francisco
Q
Queen’s Medical Center, Honolulu
RLA
Rancho Los Amigos Hospital, Downey
S
Stanford University Hospital, Stanford
SCC
Santa Clara Valley Medical Center, San Jose
SFH
Seligman Hospital, San Francisco
SH
Sonoma General Hospital, Petaluma
SMG
Summit Medical Center, Modesto
SJ
San Joaquin General Hospital, Stockton
SM
Samuel Merritt Hospital, Oakland
116. Gross Anatomy. (5) SpS Lecture 2 hours; Laboratory 3 hours.
Sutherland
A study of the microscopic, structural, and functional features of the human body by means of lecture and dissec-
tion. A study of the microscopic, structural, and functional features of the human body by means of lecture and dissec-
tion. This course is designed to prepare students in the School of Pharmacy for a career in medicine.

117. General Histology and Embryology. (4) PPE Preparatory, 3 hours. Laboratory 3 hours. Total 6 hours.
S. Fisher
The gross structure and developmental anatomy of the human body is studied with emphasis on the development and morphol-
omy of the body. The microscopic structure of tissues and organs of the body is studied with emphasis on histology.

118. General Histology and Embryology. (4) PPE Preparatory, 3 hours. Laboratory 3 hours. Total 6 hours.
S. Fisher
The gross structure and developmental anatomy of the human body is studied with emphasis on the development and morphol-
omy of the body. The microscopic structure of tissues and organs of the body is studied with emphasis on histology.

120. Gross Anatomy. (5) SpS Lecture 2 hours; Laboratory 3 hours. Total 5 hours.
Sutherland
A study of the microscopic, structural, and functional features of the human body by means of lecture and dissec-
tion. This course is designed to prepare students in the School of Pharmacy for a career in medicine.

207. Neuroanatomy. (5) 5555 Preparatory Lecture 3 hours; Laboratory 2 hours. Preparatory Consent of instructor. Lecture 4 hours. Laboratory 3 hours. Total 7 hours.
R. H. Rens
The gross structure and developmental anatomy of the human body is studied with emphasis on the development and morphol-
omy of the body. The microscopic structure of tissues and organs of the body is studied with emphasis on histology.

225. Experimental Neuroanatomy. (5) 5555 Preparatory Lecture 3 hours; Laboratory 2 hours. Preparatory Consent of instructor. Lecture 4 hours. Laboratory 3 hours. Total 7 hours.
R. H. Rens
The gross structure and developmental anatomy of the human body is studied with emphasis on the development and morphol-
omy of the body. The microscopic structure of tissues and organs of the body is studied with emphasis on histology.

233. Mammalian Chimeras and Mosaics. (5) 5555 Preparatory Lecture 3 hours; Laboratory 2 hours. Preparatory Consent of instructor. Lecture 4 hours. Laboratory 3 hours. Total 7 hours.
R. H. Rens
The gross structure and developmental anatomy of the human body is studied with emphasis on the development and morphol-
omy of the body. The microscopic structure of tissues and organs of the body is studied with emphasis on histology.

250. Research. (1-4) SpP.
S. Fisher
A laboratory research project on under-

dissection and functional anatomy.

251. Survey of Congenital Defects. (4) 5555 Preparatory Lecture 3 hours; Laboratory 2 hours. Preparatory Consent of instructor. Lecture 4 hours. Laboratory 3 hours. Total 7 hours.
R. H. Rens
The gross structure and developmental anatomy of the human body is studied with emphasis on the development and morphol-
omy of the body. The microscopic structure of tissues and organs of the body is studied with emphasis on histology.

252. Gross Anatomy. (4) PPE Preparatory, 3 hours. Laboratory 3 hours. Total 6 hours.
R. H. Rens
The gross structure and developmental anatomy of the human body is studied with emphasis on the development and morphol-
omy of the body. The microscopic structure of tissues and organs of the body is studied with emphasis on histology.

253. Clinic Anat through Cross-Section. (5) 5555 Preparatory Lecture 3 hours; Laboratory 2 hours. Preparatory Consent of instructor. Lecture 4 hours. Laboratory 3 hours. Total 7 hours.
R. H. Rens
The gross structure and developmental anatomy of the human body is studied with emphasis on the development and morphol-
omy of the body. The microscopic structure of tissues and organs of the body is studied with emphasis on histology.

254. Anesthesiology. (6) 5555 Preparatory Lecture 4 hours; Laboratory 2 hours. Preparatory Consent of instructor. Lecture 5 hours. Laboratory 3 hours. Total 8 hours.
S. Fisher
The gross structure and developmental anatomy of the human body is studied with emphasis on the development and morphol-
omy of the body. The microscopic structure of tissues and organs of the body is studied with emphasis on histology.

255. Anesthesiology. (6) 5555 Preparatory Lecture 4 hours; Laboratory 2 hours. Preparatory Consent of instructor. Lecture 5 hours. Laboratory 3 hours. Total 8 hours.
S. Fisher
The gross structure and developmental anatomy of the human body is studied with emphasis on the development and morphol-
omy of the body. The microscopic structure of tissues and organs of the body is studied with emphasis on histology.

256. Anesthesiology. (6) 5555 Preparatory Lecture 4 hours; Laboratory 2 hours. Preparatory Consent of instructor. Lecture 5 hours. Laboratory 3 hours. Total 8 hours.
S. Fisher
The gross structure and developmental anatomy of the human body is studied with emphasis on the development and morphol-
omy of the body. The microscopic structure of tissues and organs of the body is studied with emphasis on histology.


104.20. Renal Disease—SFGH (1.5 per week) Su, Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.21. Critical Care—SFGH (1.5 per week) Su, Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.22. Critical Care—C (1.5 per week) Su, Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.23. Critical Care—B (1.5 per week) Su, Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.24. Critical Care—A (1.5 per week) Su, Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.25. Postoperative Care—SFGH (1.5 per week) Su, W, Prerequisite: Medicine 110.

104.26. Infections—SFGH (1.5 per week) Su, Fr, W, Prerequisite: Medicine 110.

104.27. Infections—C (1.5 per week) Su, Fr, W, Prerequisite: Medicine 110.

104.28. Infections—B (1.5 per week) Su, Fr, W, Prerequisite: Medicine 110.

104.29. Infections—A (1.5 per week) Su, Fr, W, Prerequisite: Medicine 110.

104.30. Endocrine Metabolism—SFGH (1.5 per week) Su, W, Prerequisite: Medicine 110.

104.31. Endocrine Metabolism—C (1.5 per week) Su, W, Prerequisite: Medicine 110.

104.32. Endocrine Metabolism—B (1.5 per week) Su, W, Prerequisite: Medicine 110.

104.33. Endocrine Metabolism—A (1.5 per week) Su, W, Prerequisite: Medicine 110.

104.34. Renal Disease—UC (1.5 per week) Su, Fr, W, Prerequisite: Medicine 110.

104.35. Critical Care—Noontime (1.5 per week) Su, Fr, W, Prerequisite: Consultation of two years of experience.

104.36. Critical Care—Daytime (1.5 per week) Su, Fr, W, Prerequisite: Consultation of two years of experience.

104.37. Emergency Medicine—H (1.5 per week) Su, W, Fr, Prerequisite: Medicine 110 and Fourth-year standing.

104.38. Emergency Medicine—G (1.5 per week) Su, W, Fr, Prerequisite: Medicine 110 and Fourth-year standing.

104.39. Emergency Medicine—F (1.5 per week) Su, W, Fr, Prerequisite: Medicine 110 and Fourth-year standing.

104.40. Emergency Medicine—E (1.5 per week) Su, W, Fr, Prerequisite: Medicine 110 and Fourth-year standing.

104.41. Gastroenterology—SFGH (1.5 per week) Su, W, Fr, Prerequisite: Medicine 110 and Fourth-year standing.

104.42. Gastroenterology—C (1.5 per week) Su, W, Fr, Prerequisite: Medicine 110 and Fourth-year standing.

104.43. Gastroenterology—B (1.5 per week) Su, W, Fr, Prerequisite: Medicine 110 and Fourth-year standing.

104.44. Gastroenterology—A (1.5 per week) Su, W, Fr, Prerequisite: Medicine 110 and Fourth-year standing.

104.45. Infectious Disease—SFGH (1.5 per week) Su, W, Fr, Prerequisite: Medicine 110.

104.46. Infectious Disease—C (1.5 per week) Su, W, Fr, Prerequisite: Consultation of two years of experience.

104.47. Infectious Disease—B (1.5 per week) Su, W, Fr, Prerequisite: Consultation of two years of experience.

104.48. Infectious Disease—A (1.5 per week) Su, W, Fr, Prerequisite: Consultation of two years of experience.

104.49. Dermatology—SFGH (1.5 per week) Su, W, Fr, Prerequisite: Medicine 110.

104.50. Dermatology—C (1.5 per week) Su, W, Fr, Prerequisite: Consultation of two years of experience.

104.51. Dermatology—B (1.5 per week) Su, W, Fr, Prerequisite: Consultation of two years of experience.

104.52. Dermatology—A (1.5 per week) Su, W, Fr, Prerequisite: Consultation of two years of experience.

104.53. Infectious Disease—M (1.5 per week) Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.54. Infectious Disease—L (1.5 per week) Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.55. Infectious Disease—J (1.5 per week) Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.56. Infectious Disease—I (1.5 per week) Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.57. Infectious Disease—H (1.5 per week) Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.58. Infectious Disease—G (1.5 per week) Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.59. Infectious Disease—F (1.5 per week) Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.60. Infectious Disease—E (1.5 per week) Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.61. Infectious Disease—D (1.5 per week) Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.62. Infectious Disease—C (1.5 per week) Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.63. Infectious Disease—B (1.5 per week) Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.64. Infectious Disease—A (1.5 per week) Fr, W, Prerequisite: Medicine 110 and Fourth-year standing.

104.65. Cardiology—SFGH (1.5 per week) Su, W, Fr, Prerequisite: Medicine 110 and Fourth-year standing.

104.66. Cardiology—C (1.5 per week) Su, W, Fr, Prerequisite: Consultation of two years of experience.

104.67. Cardiology—B (1.5 per week) Su, W, Fr, Prerequisite: Consultation of two years of experience.

104.68. Cardiology—A (1.5 per week) Su, W, Fr, Prerequisite: Consultation of two years of experience.

104.69. EKG Fundamentals—VA (1.5 per week) Su, Fr, W, Prerequisite: Medicine 112A-B-C.

104.70. M. Goldman. (Electrophysiological, electrocardiographic, and electrophysiological principles and interpretation of electrocardiograms.)

104.71. Cardiology—SFGH (1.5 per week) Su, W, Fr, Prerequisite: Medicine 110 or Anesthesiology 6.

104.72. Cardiology—C (1.5 per week) Su, W, Fr, Prerequisite: Consultation of two years of experience.

104.73. Cardiology—B (1.5 per week) Su, W, Fr, Prerequisite: Consultation of two years of experience.

104.74. Cardiology—A (1.5 per week) Su, W, Fr, Prerequisite: Consultation of two years of experience.

104.75. Complete medical records. (1 hour) Dr. White.


104.77. Introduction to Clinical Epidemiology. (1 hour) Dr. White.

104.78. Introduction to Medical Ethics. (1 hour) Dr. White.

104.79. Introduction to Immunology. (1 hour) Dr. White.

104.80. Introduction to Nursing. (1 hour) Dr. White.

104.81. Legal Aspects of Medical Practice. (1 hour) Dr. White.

104.82. Life Sciences and Computer Science. (1 hour) Dr. White.

104.83. Medical Record. (1 hour) Dr. White.

104.84. Physical Examination. (1 hour) Dr. White.

104.85. Principles of Professional Ethics. (1 hour) Dr. White.

104.86. Principles of Professional Ethics. (1 hour) Dr. White.

104.87. Principles of Professional Ethics. (1 hour) Dr. White.

104.88. Principles of Professional Ethics. (1 hour) Dr. White.

104.89. Principles of Professional Ethics. (1 hour) Dr. White.

104.90. Principles of Professional Ethics. (1 hour) Dr. White.

104.91. Principles of Professional Ethics. (1 hour) Dr. White.
150.01. Neurology Research. (5 per week) Prof. Su, W.Y.; Prereq: Anatomist 103
Houser Opportunities for research on one of the pathological laboratories by arrangement with the permission of the department.
150.02. Neuropharmacology. (5 per week) F. W. Reppucci; Prereq: Anatomy 103 and Pathol- ogy 102.
L.R. L. L.
Tissues pathologic of disease of the nervous system will be explored in greater depth in the pathological laboratories of the neurology and neurosurgical clinics.
Houser and Staff
liberal education and research under supervision of a member of the faculty with the approval of the chairman of the department of neurology.
400. Neuroscience Seminar. (5 per week) Su, W.Y.; Houser
Houser, D. Greenberg, F. Sharp
Seminars covering the principal topics of the basic sciences relevant to neurophysiology, neurochemistry, neuroimmunology, and neuroepidemiology. NEUROLOGY 110.
410. Grand Rounds. (1) Su, W.Y.; Houser
Conference includes recent presentations and particular problems in the history of medicine including reference to the literature, laboratory work, and special studies. Faculty interest and investigations in various neurosurgical dis- cuss new developments in their respective fields.
Houser, Reynolds, J. N.
Course involves the presentation and discussion of a large number of selected case his- tories in selected cases of neurologic and neurosurgical diseases. Emphasis is placed on surgical and postoperative care from nervous system diseases and neurosurgery.
1. R. L. L.
Course involves pathologic and clinical and clinical pathologic research into various aspects of nervous system disorders. Students of research are chosen in conjunction with members of the staff.
Dilts, J. P.
Neurobiology: techniques and interpretations are reviewed in detail with particular emphasis on the cycle of the skull and spine, neuron morphology and anatomy, and neurophysiology. NEUROLOGY 110.
Houser
Houser
classical and basic research in neurological disease. Students of research are chosen in two of the several laboratory laboratories will be presented.
Houser
Houser
Residencies are responsible for the care of pa- tients under the attendance of the attending staff, and participate in inpatient teaching. They serve as student consultants and in con- sultation services. NEUROLOGY 110.
430. Clinical Electrophysiology. (5 per week) Prof. Aminoff
Houser
Aminoff: Laboratory measurements can be determined on the central nervous system by direct arrangement. Techniques include: neurophysiology: somatotopic, and autonomic, and clinical electrophysiology. NEUROLOGY 110.
430P. Clinical Electrophysiology. (5 per week) Su, W, Pr.
Houser, Reynolds, J. N.
Students learn the application of electrophysiology in the diagnosis of patients seen in the wards of the company clinic, with indi- vidual instructions as required. NEUROLOGY 110.
450. Clinical Neurophysiology. (5 per week) Su, W, Pr.
Houser, Aminoff
Houser
Residents spend three months or more per- forming different clinical aspects of the physical signs of the brain, and movement and muscle NER- OLOGY 110.
Mohlencky
Crains experiences in diagnosis and management of children with acute and chronic neurological illnesses. Laboratory instruction in the pediatric clinic is held weekly for pediatric control. This instruction aims at solving symptom problems, and of the schoolchild. NEUROLOGY 110.
Residents participate in form of diagnostic and therapeutic control of patients with eye and neural and ophthalmo-logical problems. Clinical neuro-ophthalmology. NEUROLOGY 110.
241B. Family Primary Care II. (6–5) F–P, P–R. Special permission required. Concepts, theories, and knowledge for comprehensive assessment and management of family medicine, including chronic illness, and related health conditions through the entire life span in the context of the family unit. FAM HLMTH

240C. Family Primary Care I. (4–5) F–P, P–R. Special permission required. Note: Session 10 6–5 P–R. Students who are enrolled must be on campus toward the end of the 8th week of the quarter. L. Lomotol, R. H. Miller, J. A. Burn. A seminar to analyze and interpret interventions in complex scenarios impacting comprehensive care for women and families. Application forms for 2022-23 must be made using care presentations and other relevant learning strategies. FAM HLMTH

240. Seminar in Women’s Primary Care. (5) F–P, P–R. Special permission required. Note: Session 10 6–5 P–R. Students who are enrolled must be on campus toward the end of the 8th week of the quarter. L. Lomotol, R. H. Miller, J. A. Burn. A seminar to analyze and interpret interventions in complex scenarios impacting comprehensive care for women and families. Application forms for 2022-23 must be made using care presentations and other relevant learning strategies. FAM HLMTH

24.7. Seminar in Primary Care. (1) L. Session 1 hour. G. Collinson, R. G. Berger, D. Garip, C. Kasseh, R. O’Mara. Seminar is concurrent with N240 and provides the specific content necessary for delivery of comprehensive health care to women and their families. Application forms from N240 lectures will be made to the specialty area using care presentations and other relevant learning strategies. COMM HLMTH SYST

24.3. Seminar in Pediatric Primary Care. (1) L. Session 1 hour. P. Jackman. Seminar is concurrent with N240 and provides the specific content necessary for delivery of comprehensive health care to women and their families. Application forms from N240 lectures will be made to the specialty area using care presentations and other relevant learning strategies. FAM HLMTH

247. PHCC: Complex Health Problems and Multiple Patient Care. (5) F–P, P–R. Special permission required. Note: Session 10 6–5 P–R. Students who are enrolled must be on campus toward the end of the 8th week of the quarter. L. Lomotol, R. H. Miller, J. A. Burn. A seminar to analyze and interpret interventions in complex scenarios impacting comprehensive care for women and families. Application forms for 2022-23 must be made using care presentations and other relevant learning strategies. FAM HLMTH

247. Seminar in Adult Primary Care. (1) L. Session 1 hour. S. Jones. Seminar is concurrent with N240 and provides the specific content necessary for delivery of comprehensive health care to women and their families. Application forms from N240 lectures will be made to the specialty area using care presentations and other relevant learning strategies. FAM HLMTH

247. Seminar in Gerontological Primary Care. (1) L. Session 1 hour. C. Diachick. Seminar is concurrent with N240 and provides the specific content necessary for delivery of comprehensive health care to women and their families. Application forms from N240 lectures will be made to the specialty area using care presentations and other relevant learning strategies. PHYSIOL NURS

248. Group Independent Study. (1–4) F–P, P–R. Special permission required. Note: Session 10 6–5 P–R. Students who are enrolled must be on campus toward the end of the 8th week of the quarter. L. Lomotol, R. H. Miller, J. A. Burn. A seminar to analyze and interpret interventions in complex scenarios impacting comprehensive care for women and families. Application forms for 2022-23 must be made using care presentations and other relevant learning strategies. FAM HLMTH

249. Independent Study. (1–5) F–P, P–R. Special permission required. Note: Session 10 6–5 P–R. Students who are enrolled must be on campus toward the end of the 8th week of the quarter. L. Lomotol, R. H. Miller, J. A. Burn. A seminar to analyze and interpret interventions in complex scenarios impacting comprehensive care for women and families. Application forms for 2022-23 must be made using care presentations and other relevant learning strategies. FAM HLMTH

249. Independent Study. (1–5) F–P, P–R. Special permission required. Note: Session 10 6–5 P–R. Students who are enrolled must be on campus toward the end of the 8th week of the quarter. L. Lomotol, R. H. Miller, J. A. Burn. A seminar to analyze and interpret interventions in complex scenarios impacting comprehensive care for women and families. Application forms for 2022-23 must be made using care presentations and other relevant learning strategies. FAM HLMTH

249. Independent Study. (1–5) F–P, P–R. Special permission required. Note: Session 10 6–5 P–R. Students who are enrolled must be on campus toward the end of the 8th week of the quarter. L. Lomotol, R. H. Miller, J. A. Burn. A seminar to analyze and interpret interventions in complex scenarios impacting comprehensive care for women and families. Application forms for 2022-23 must be made using care presentations and other relevant learning strategies. FAM HLMTH

249. Independent Study. (1–5) F–P, P–R. Special permission required. Note: Session 10 6–5 P–R. Students who are enrolled must be on campus toward the end of the 8th week of the quarter. L. Lomotol, R. H. Miller, J. A. Burn. A seminar to analyze and interpret interventions in complex scenarios impacting comprehensive care for women and families. Application forms for 2022-23 must be made using care presentations and other relevant learning strategies. FAM HLMTH

249. Independent Study. (1–5) F–P, P–R. Special permission required. Note: Session 10 6–5 P–R. Students who are enrolled must be on campus toward the end of the 8th week of the quarter. L. Lomotol, R. H. Miller, J. A. Burn. A seminar to analyze and interpret interventions in complex scenarios impacting comprehensive care for women and families. Application forms for 2022-23 must be made using care presentations and other relevant learning strategies. FAM HLMTH

249. Independent Study. (1–5) F–P, P–R. Special permission required. Note: Session 10 6–5 P–R. Students who are enrolled must be on campus toward the end of the 8th week of the quarter. L. Lomotol, R. H. Miller, J. A. Burn. A seminar to analyze and interpret interventions in complex scenarios impacting comprehensive care for women and families. Application forms for 2022-23 must be made using care presentations and other relevant learning strategies. FAM HLMTH
Ophthalmology

140.03A. Advanced Clinical Clerkship - BSCG (5.0 per week) F,SW; Prerequisite: Consent of instructor.

140.03B. Advanced Clinical Clerkship - BSCG (5.0 per week) F,SW; Prerequisite: Consent of instructor and chairman of the department.

140.04. First-Year and Second-Year Ophth. Preceptors (1.5 per week) F,SW; Field work 3 hours.

140.05. Flanagan and Staff

Medical and psychosocial issues of a normal pregnancy, as well as the psychosocial and psychosocial issues of pregnancy, will be offered to a limited number of students.

140.06. Ophthalmology Clerkship - VA (5.0 per week) F,SW; Prerequisite: Consent of instructor and chairman of the department.

S. Kramer

A research project under the direction of a member of the faculty is required of all students.

140.07. Medical Genetics and Molecular Biology of Reproduction. (4.0 credits) SW; Consent of instructor.

140.08. Ophth. Preceptorship (1.5 per week) F,SW; Prerequisite: Consent of instructor and chairman of the department.

140.09. Ophthalmology Laboratory (1.5 per week) F,SW; Prerequisite: Consent of instructor and chairman of the department. 110, 112, 190, and 110, and all include clinic and clinical experience in the diagnosis and treatment of eye disease.

40.01A. Advanced Ophthalmology Clerkship - UC (5.0 per week) F,SW; Prerequisite: Medical 110 and Surgery 110 on consent of instructor.

M. Drake

Students will serve as attendants on the ophthalmology wards. They will work up and operate patients, and will participate in regular ophthalmic conferences.

40.01B. Advanced Ophthalmology Clerkship - UC (5.0 per week) F,SW; Prerequisite: Consent of instructor.

H. Hoyt

Students have observed work and present ophthalmology rounds and conferences.

40.02. Off-Campus Clerkship - UC (5.0 per week) F,SW; Prerequisite: Consent of instructor.

R. Rafter

Students are under the supervision of the attending staff and have access to their care at any time. They also participate in the programs of the chairperson of the department.

40.02B. Off-Campus Clerkship - UC (5.0 per week) F,SW; Prerequisite: Consent of instructor.

40.02C. Off-Campus Clerkship - UC (5.0 per week) F,SW; Prerequisite: Consent of instructor.

40.04. Fourth-Year Ophth. Preceptors (1.5 per week) F,SW; Field work 3 hours.

140.05. Flanagan and Staff

Medical and psychosocial issues of a normal pregnancy, as well as the psychosocial and psychosocial issues of pregnancy, will be offered to a limited number of students.

140.06. Ophthalmology Clerkship - VA (5.0 per week) F,SW; Prerequisite: Consent of instructor and chairman of the department.

S. Kramer

A research project under the direction of a member of the faculty is required of all students.

140.07. Medical Genetics and Molecular Biology of Reproduction. (4.0 credits) SW; Consent of instructor.

140.08. Ophth. Preceptorship (1.5 per week) F,SW; Prerequisite: Consent of instructor and chairman of the department.

S. Kramer

A research project under the direction of a member of the faculty is required of all students.

140.09. Ophthalmology Laboratory (1.5 per week) F,SW; Prerequisite: Consent of instructor and chairman of the department.

140.10. Right-High Pregnancy Advanced Senior Elective. (1.5 per week) F,SW; Prerequisite: Consent of instructor and chairman of the department.

140.11. Advanced clerkship focusing on outpatient and inpatient management of high-risk patients. The student will participate on a senior faculty member's service.

140.12. Clinical Ophthalmology and Ophthalmic Surgery Laboratory. (4.0 credits) SW; Consent of instructor.

140.13. Clinical Ophthalmology and Ophthalmic Surgery Lab. (4.0 credits) SW; Consent of instructor.

140.14. Ophthalmology Clerkship. (5.0 per week) F,SW; Prerequisite: Consent of instructor and chairman of the department.

140.15. Clinical Ophthalmology and Ophthalmic Surgery Lab. (4.0 credits) SW; Consent of instructor.

40.04. Fourth-Year Ophth. Preceptors (1.5 per week) F,SW; Field work 3 hours.

Hoyt

Students have observed work and present ophthalmology rounds and conferences.

40.02. Off-Campus Clerkship - UC (5.0 per week) F,SW; Prerequisite: Consent of instructor.

R. Rafter

Students are under the supervision of the attending staff and have access to their care at any time. They also participate in the programs of the chairperson of the department.

40.02B. Off-Campus Clerkship - UC (5.0 per week) F,SW; Prerequisite: Consent of instructor.

40.02C. Off-Campus Clerkship - UC (5.0 per week) F,SW; Prerequisite: Consent of instructor.

40.04. Fourth-Year Ophth. Preceptors (1.5 per week) F,SW; Field work 3 hours.

140.05. Flanagan and Staff

Medical and psychosocial issues of a normal pregnancy, as well as the psychosocial and psychosocial issues of pregnancy, will be offered to a limited number of students.

140.06. Ophthalmology Clerkship - VA (5.0 per week) F,SW; Prerequisite: Consent of instructor and chairman of the department.

S. Kramer

A research project under the direction of a member of the faculty is required of all students.

140.07. Medical Genetics and Molecular Biology of Reproduction. (4.0 credits) SW; Consent of instructor.

140.08. Ophth. Preceptorship (1.5 per week) F,SW; Prerequisite: Consent of instructor and chairman of the department.

S. Kramer

A research project under the direction of a member of the faculty is required of all students.

140.09. Ophthalmology Laboratory (1.5 per week) F,SW; Prerequisite: Consent of instructor and chairman of the department.

140.10. Right-High Pregnancy Advanced Senior Elective. (1.5 per week) F,SW; Prerequisite: Consent of instructor and chairman of the department.

140.11. Advanced clerkship focusing on outpatient and inpatient management of high-risk patients. The student will participate on a senior faculty member's service.

140.12. Clinical Ophthalmology and Ophthalmic Surgery Laboratory. (4.0 credits) SW; Consent of instructor.

140.13. Clinical Ophthalmology and Ophthalmic Surgery Lab. (4.0 credits) SW; Consent of instructor.

140.14. Ophthalmology Clerkship. (5.0 per week) F,SW; Prerequisite: Consent of instructor and chairman of the department.

140.15. Clinical Ophthalmology and Ophthalmic Surgery Lab. (4.0 credits) SW; Consent of instructor.
405. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

406. Patient Records and Communication. (6.0, Fall/Winter) Prerequisites: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

407. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

408. Treatment and Diagnosis. (2.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

409. Treatment and Diagnosis, 2.0, Fall/Winter. Prerequisite: Enrollment in an orthodontic graduate program in School of Dental Hygiene. Seminar 15 hours.

410. Orthodontic Laser Therapy. (4.0, Fall/Winter) Prerequisites: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

411. Clin Ortho for Ped Dentistry, 2.0, Fall/Winter. Prerequisite: Enrollment in the second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

412. Orthodontic and Periodontic General Dentistry, 2.0, Fall/Winter. Prerequisites: Enrollment in an orthodontic graduate program in School of Dental Hygiene. Seminar 15 hours.

413. Orthodontic and Ped Dentistry. (2.0, Fall/Winter) Prerequisites: Enrollment in the second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

414. Orthodontic and Periodontal General Dentistry, 2.0, Fall/Winter. Prerequisites: Enrollment in an orthodontic graduate program in School of Dental Hygiene. Seminar 15 hours.

415. Orthodontic Practice Management. (2.0, Fall/Winter) Prerequisite: Enrollment in any year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

416. Orthodontic Biomechanics, 1.0, Fall/Winter, Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

417. Facial Growth & Development. (1.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

418. Orthodontic Radiography. (2.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

419. Orthodontic Radiography, 2.0, Fall/Winter, Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

420. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

421. Clinical Orthodontic Research. (5.0, Fall/Winter) Prerequisite: Enrollment in an orthodontic graduate program in School of Dental Hygiene. Seminar 15 hours.

422. Treatment Progress Seminar. (1.0, Fall/Winter) Prerequisite: Enrollment in 1st, 2nd or 3rd year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

423. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

424. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

425. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

426. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

427. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

428. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

429. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

430. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

431. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

432. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

433. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

434. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

435. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

436. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

437. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

438. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

439. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

440. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

441. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

442. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

443. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.

444. Orthodontic Literature Review. (4.0, Fall/Winter) Prerequisite: Enrollment in a second or third year of postdoctoral orthodontic program or consent of instructor. Seminar 15 hours.
204. Introduction to Computer Pro- gramming. (3) F. Wkly. Prerequisite: Consent of Instructor. Lecture 3 hours.

Ferlin
An introduction to computer programming using the C language and the UNIX operating system. Students will learn to write, test, and debug programs of increasing complexity. Applications include writing of models and simulations. Students will be able to write well-structured and modular code. 

206. Laboratory Rotation in Pharma- ceutical Chemistry. (1-5) F.Wkly. Preregistration required. Laboratory rotations 213 and Biochemistry 202 or equivalent. Lecture 1 hour. Laboratory 3-5 hours. 

Benet and Staff

207. Adverse Kinetics of Absorp & Disper. (3) F. Wkly. Preregistration required. Adverse kinetics of bioavailability and drug delivery. Lecture 3 hours. Laboratory 3 hours.


218. Pharmaceutical Biophysics. (3) S. Wkly. Preregistration required. Chemical and physical properties of polymers with an emphasis on their applications in biotechnology and medicine. 


Siegil and Staff


230. Biochemistry Research. (1-5) S. Wkly. Preregistration required. Graduate student standing/first year medical student or consent of instructor. Seminar 1 hour.

231. Kinetics of transport processes: an introduction to vascular transport, and experimental design in vascular transport, and experimental design in the cardiovascular system. 

232. Drug Transport. Lecture 2 hours. 


234. Scientific Communications. (2) S. Wkly. Lecture 2 hours.

235. Enzyme Mechanisms. (3) S. Wkly. Lecture 3 hours.


239. Pharmacokinetic-Proj. (3) S. Wkly. Preregistration required. Project of instructor.


James
A focused examination of the presentation of core material in pharmaceutical chemistry in the pharmacy program. 


Kunts and Staff

247. Professional Research Seminar in Physical and Biophysical Chemistry PHARM CHEM 


Lab
A forum for weekly research conferences in medicinal chemistry given by visiting lecturers, faculty, and advanced graduate students. 


255. Physical Chemistry Seminar. (3) S. Wkly. Preregistration required. 


12.5.10. Removable Prosthodontics
Lab. 123C. Prerequisites: RD 121B, 123B. Concurrent enrollment in RD 127 required; Lab hours are 6 hours.

Dentures
Containment of intraoral laboratory impressions and fabrication of complete dentures. RESTOR.DENT

12.6.1. Introduction to Endodontics
Endodontic Laboratory procedures. RD 126. Lecture and lab. Hours: 3.

12.6.2. Introduction to Endodontics
Endodontic lecture. RD 126. Lecture only. Hours: 2.

12.7. Crown-Color Restoration
Color. 150. Prerequisite: RD 123C. Lecture and lab. Hours: 3.

12.8. Introduction to Restorative Dentistry
Restorative dentistry. RD 123C. Lecture and lab. Hours: 3.

13.1. Clinical Procedures in Removable Prosthodontics
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.2. Clinical Procedures in Removable Prosthodontics
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.3. Course describes the procedures involved in removable partial denture fabrica-
tion, including the design and construction. The course is offered during the second and third terms.

13.4. Clinical Procedures in Removable Prosthodontics
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.5. Course covers various topics in the field of prosthodontics. Areas pertinent to restorative dentistry, including the design and manufacture of dentures, obturation of root canals, and the construction of complete dentures. Lecture and lab. Hours: 3.

13.6. Endodontics/Therapy (3.1)
Lab. 123D. Prerequisite: RD 121B. Lecture or lab. Hours: 1.

13.7. Course is designed to introduce the third-year dental student to the fields of medicine and surgery. RD 123D. Lecture or lab. Hours: 1.

13.8. Endodontics/Therapy (3.1)
Lab. 123D. Prerequisite: RD 121B. Lecture or lab. Hours: 1.

13.9. Course is designed to introduce the third-year dental student to the fields of medicine and surgery. RD 123D. Lecture or lab. Hours: 1.

13.10. Clinical Procedures in Fixed Prosthodontics
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.11. Course is designed to assist the student in the clinical management of patients undergoing dental implant placement. RD 123C. Lecture or lab. Hours: 3.

13.12. Course covers the theory and practice of dental hygiene as it relates to the health and welfare of the dental student. RD 123C. Lecture or lab. Hours: 3.

13.13. Course covers the theory and practice of dental hygiene as it relates to the health and welfare of the dental student. RD 123C. Lecture or lab. Hours: 3.

Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.15. Course is designed to introduce the student to the clinical management of medically compromised patients. RD 123C. Lecture or lab. Hours: 3.

13.16. Course is designed to introduce the student to the clinical management of medically compromised patients. RD 123C. Lecture or lab. Hours: 3.

13.17. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.18. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.19. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.20. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.21. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.22. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.23. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.24. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.25. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.26. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.27. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.28. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.29. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.30. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.31. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.32. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.33. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.34. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.35. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.36. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.37. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.38. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.39. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.40. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.41. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.42. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.43. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.44. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.45. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.46. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.47. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.48. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.49. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.

13.50. Scientific Writing in Dentistry
Lab. 126. Prerequisites: RD 123C. Lecture or lab. Hours: 3.