

1952

Bulletin of the University of Nebraska: Annual Catalog of the College of Medicine, 1952-1953

University of Nebraska College of Medicine

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**of
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College of Arts and Sciences

1952

1952

SERIES LVII

No. 15

AUGUST, 1952

PUBLISHED BY THE UNIVERSITY AT LINCOLN NEBRASKA

COLLEGE OF MEDICINE

1952-53

CALENDAR

Summer 1952 (Seniors only)

June 30, Monday	Registration
July 1, Tuesday	Summer Quarter begins
July 4, Friday	Independence Day Holiday
September 9, Tuesday	Summer Quarter ends

Fall Quarter

September 22, Monday	Registration, Freshmen and Juniors
September 23, Tuesday	Registration, Sophomores and Seniors
	Physical Examinations, Freshmen and Juniors
September 24, Wednesday	Fall Quarter begins
November 26-December 1, 8 a.m. Wednesday to 8 a.m. Monday	Thanksgiving Vacation
December 20, Saturday	Fall Quarter ends
December 22-January 4, 1953	Christmas Vacation

Winter Quarter

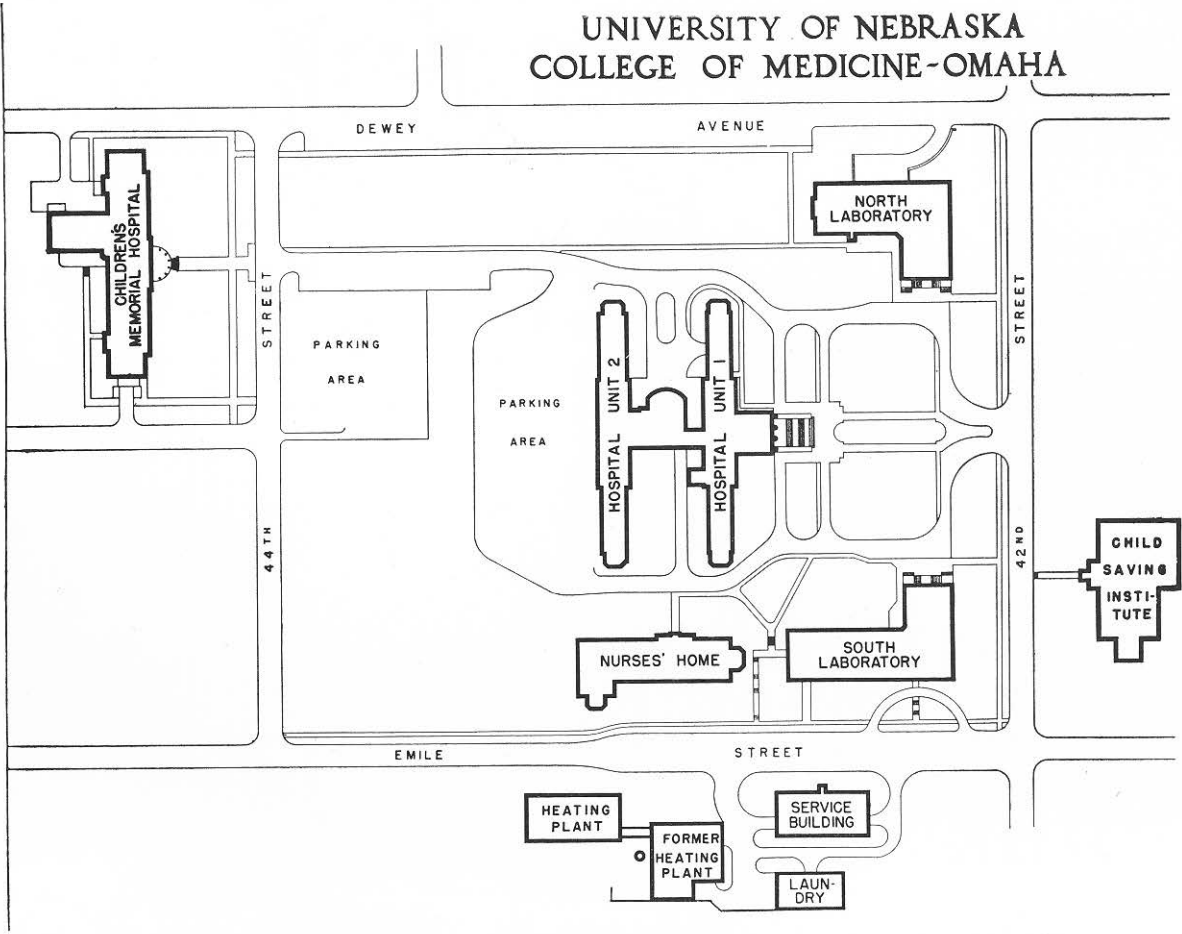
January 5, Monday	Winter Quarter begins
January 10, Saturday	Late fee charged for tuition for Winter Quarter not paid by this date
February 27, Friday	Senior Theses due
March 18, Wednesday	Last day senior classes
March 19-23, Thursday through Monday	Senior Theses Reviewed
March 24-25, Tuesday and Wednesday	Senior Comprehensive Examinations
March 25, Wednesday	Winter Quarter ends, all classes
March 26-29	Spring Vacation

Spring Quarter

March 30, Monday	Spring Quarter begins
April 4, Saturday	Late fee charged for tuition for Spring Quarter not paid by this date
May 30, Saturday	Memorial Day Holiday
June 12, Friday	Seniors' last day
June 13, Saturday	COMMENCEMENT
June 20, Saturday	Spring Quarters, Freshmen, Sophomores, Juniors.

UNIVERSITY OF NEBRASKA COLLEGE OF MEDICINE-OMAHA

College of Medicine Campus, Omaha



ADMINISTRATION

The Board of Regents

	<i>Term Expires</i>
George Liggett, Utica, President.....	January 1953
Charles Y. Thompson, West Point.....	January 1953
Robert W. Devoe, Lincoln.....	January 1955
James Leroy Welsh, Omaha.....	January 1955
Dwight E. Griswold, Gering.....	January 1957
Dr. Earle G. Johnson, Grand Island.....	January 1957
John Kent Selleck, Lincoln, Corporation Secretary	

The University

Reuben Gilbert Gustavson, Ph.D., D.Sc., L.H.D., Chancellor of the University.

James Perry Tollman, B.Sc., M.D., Dean of the College of Medicine and Superintendent of the University Hospital.

George Walter Rosenlof, Ph.D., LL.D., Dean of Admissions and Institutional Relations. (*Secretary of the Faculties.*)

Jules Philip Colbert, B.Sc., M.Sc. (C.E.), Dean, Division of Student Affairs and Professor of Civil Engineering.

Marjorie Willard Johnston, M.A., Dean of Women.

Floyd W. Hoover, Ph.D., Director of Registration and Records.

Emeriti Faculty

John Franklin Allen, B.Sc., M.D., Professor of Clinical Medicine, Emeritus and Director of Student Health Service, Emeritus.

Rodney Waldo Bliss, A.B., M.D., Professor of Medicine, Emeritus.

Alfred Jerome Brown, A.B., M.D., Professor of Surgery, Emeritus.

William Frederick Callfas, C.M., M.D., Professor of Otorhinolaryngology, Emeritus.

Harold Everett Eggers, A.M., M.D., Professor of Pathology and Bacteriology, Emeritus.

Lloyd Oliver Hoffman, M.D., Associate in Surgery, Emeritus.

John Clyde Moore, Jr., A.B., B.Sc., M.D., Professor of Pediatrics, Emeritus.

John Rudolph Nilsson, M.D., Professor of Surgery, Emeritus.

Charles Ausiin Owens, B.Sc., M.D., Associate Professor of Urology, Emeritus.

*Charles Whitney Pollard, A.B., M.D., Professor of Obstetrics and Gynecology, Emeritus.

George Winthrop Pritchard, A.B., M.D., Assistant Professor in Medicine, Emeritus.

Abraham Srol Rubnitz, A.B., M.D., Assistant Professor of Pathology and Bacteriology, Emeritus.

William Lete Shearer, A.B., D.D.S., M.D., Professor of Surgery, Emeritus.

Robert D. Schrock, A.B., M.D., Professor of Orthopedic Surgery, Emeritus.

†Olga Frances Stastny, M.O., Instructor in Obstetrics and Gynecology, Emeritus.

Robert James Stearns, M.D., Assistant Professor of Obstetrics and Gynecology, Emeritus.

Willis Harvey Taylor, B.Sc., M.D., Professor of Clinical Obstetrics and Gynecology, Emeritus.

Charles Creighton Tomlinson, M.D., Professor of Dermatology and Syphilology, Emeritus.

Chester Hill Waters, Sr., B.Sc., M.D., Professor of Surgery, Emeritus.

**Harrison Alonzo Wigton, B.Sc., M.D., Professor of Neurology and Psychiatry, Emeritus.

William Albert Willard, Ph.D., Professor of Anatomy, Emeritus.

George Alexander Young, Sr., M.D., Professor of Neurology and Psychiatry, Emeritus.

* Deceased May 19, 1952.

† Deceased August 21, 1952.

** Deceased October 9, 1951.

Active Faculty

- ✓ Payson Stone Adams, B.Sc. in Med., M.D., Associate Professor of Urology.
- ✓ John Andrew Aita, Ph.D., M.D., Associate Professor of Neurology and Psychiatry.
- ✓ Leland Clayton Albertson, A.B., M.D., Instructor in Internal Medicine.
- ✓ George Thomas Alliband, B.Sc., M.D., Assistant Professor of Ophthalmology.
- ✓ Maine C. Andersen, M. D., Assistant Professor of Internal Medicine.
- ✓ Harley Eric Anderson, B.Sc. in Med., M.D., Assistant Professor of Obstetrics and Gynecology.
- ✓ Lawrence Lloyd Anderson, A.B., M.D., Instructor in Surgery.
- ✓ Leo Eugene Anderson, B.Sc. in Med., A.B., M.Sc. in Surgery, M.D., Instructor in Surgery.
- ✓ Stanley Monrad Bach, A.B., M.D., Instructor in Anatomy and Associate in Orthopedic Surgery.
- ✓ Clarence Fredrick Bantlin, B.Sc., M.D., Associate in Pediatrics.
- ✓ Elmer William Bantlin, B.Sc., M.D., Assistant Professor of Pediatrics.
- ✓ Meyer Beber, B.Sc., Ph.D., M.D., Assistant Professor of Internal Medicine and Biochemistry.
- ✓ Arthur Lawrence Bennett, A.B., Ph.D., M.D., Professor of Physiology and Pharmacology.
- ✓ Gordon Newall Best, B.Sc., M.D., Assistant Professor of Internal Medicine.
- ✓ Rolland Russell Best, B.Sc., M.D., Professor of Surgery and Assistant Professor of Anatomy.
- ✓ James Dewey Bisgard, A.B., M.D., Professor of Surgery.
- ✓ James D. Bradley, M.B., M.Sc., Ph.D., M.D., Associate in Surgery.
- ✓ John Grierson Brazier, A.B., M.D., Assistant Professor of Internal Medicine.
- ✓ Herman Henry Brinkman, M.D., Clinical Assistant in Surgery.
- ✓ James Matthews Brown, M.D., Professor of Military Science and Tactics.
- ✓ John Hobart Brush, A.B., M.D., Instructor in Surgery.
- ✓ Donald John Bucholz, A.B., M.A., M.D., Associate in Internal Medicine.
- ✓ Dwight Willard Burney, Jr., A.B., M.D., Instructor in Orthopedic Surgery.
- ✓ Olin James Cameron, M.S., M.D., Associate Professor of Dermatology (*Chairman of Department.*)
- ✓ Louis Scott Campbell, B.Sc., M.D., Assistant Professor of Orthopedic Surgery.
- ✓ Oscar Carp, B.Sc., M.D., Instructor in Otorhinolaryngology.
- ✓ Waldron Alvin Cassidy, A.B., M.D., Assistant Professor of Otorhinolaryngology and Consultant in Bronchoscopy.
- ✓ Arthur O. Chapman, A.B., M.A., Instructor in Anatomy.
- ✓ George Leonard Clark, B.Sc., M.D., Assistant Professor of Pediatrics.
- ✓ Augustus David Cloyd, A.B., M.D., Associate in Internal Medicine.
- ✓ Robert Morris Cochran, B.Sc., M.D., Instructor in Surgery and Anatomy.
- ✓ John Daniel Coe, M.D., Assistant in Anatomy.
- ✓ Francis C. Coleman, M.D., Clinical Assistant Professor of Pathology and Bacteriology.
- ✓ Robert Marshall Collins, B.Sc. in Med., M.D., Assistant Professor of Obstetrics and Gynecology.
- ✓ Walter Thomas Cotton, B.Sc. in Med., M.D., Associate in Obstetrics and Gynecology.
- ✓ Michael Crofoot, A.B., M.D., Associate in Pediatrics.
- ✓ Edmund Jesse Dailey, D.D.S., Assistant Professor of Dental Surgery.
- ✓ Edwin Davis, A.B., M.D., Professor of Urology.
- ✓ Edwin Davis, Jr., B.A., M.D., Clinical Assistant in Urology.
- ✓ Herbert Haywood Davis, A.B., M.D., Professor of Surgery. (*Chairman of Department.*)
- ✓ James Allan Davis, B.Sc., M.D., Instructor in Otorhinolaryngology.
- ✓ John Calvin Davis, Jr., A.B., M.D., Professor of Otorhinolaryngology. (*Chairman of Department.*)
- ✓ William John Dickerson, A.B., M.D., Instructor in Internal Medicine.
- ✓ Robert Hugh Dickinson, A.B., M.D., Associate in Neurology and Psychiatry.
- ✓ Arthur L. Dunn, A.M., Ph.D., Assistant Professor of Physiology and Pharmacology.
- ✓ Frank Lowell Dunn, B.Sc., A.M., M.D., Professor of Internal Medicine and Associate Professor of Clinical Physiology.
- ✓ Frank Lewis Eagle, B.Sc., M.D., Instructor in Ophthalmology.
- ✓ Alfred George Ellick, A.B., J.D., Instructor in Medical Jurisprudence.
- ✓ Robert James Ellingson, B.Sc., M.A., Ph.D., Assistant Professor of Medical Psychology.
- ✓ H. Chandler Elliott, B.A., M.A., Ph.D., Associate Professor of Anatomy.
- ✓ Herman Charles Ellsworth, B.A., M.D., Instructor in Radiology.
- ✓ John Clayton Filkins, B.Sc., M.D., Instructor in Ophthalmology.
- ✓ David Pressley Findley, M.D., Assistant Professor of Obstetrics and Gynecology.
- ✓ Alister Ian Finlayson, M.A., M.D., Associate Professor of Neurological Surgery.

- Don Casot Fitzgerald, M.A., Ph.D., Assistant Professor of Medical Psychology.
- Max Fleishman, M.D., Instructor in Internal Medicine.
- David Wright Flory, B.Sc., M.D., Instructor in Pathology and Bacteriology.
- Miles E. Foster, A.B., B.Sc., M.D., Assistant Professor of Pathology and Bacteriology.
- Charles Frandson, B.Sc., M.D., Associate in Internal Medicine.
- Muriel Naomi Frank, A.B., M.D., Instructor in Anesthesiology.
- Albert Edward Freed, B.Sc., M.D., Instructor in Internal Medicine.
- Fred J. Fricke, B.Sc., M.D., Instructor in Physical Medicine and Rehabilitation.
- Raymond John Friel, B.Sc., M.D., Assistant in Anatomy.
- Samuel Isoiah Fuenning, B.Sc., M.Sc., M.D., Clinical Assistant in Internal Medicine.
- John Leo Gedgoud, B.Sc., M.D., Associate Professor of Pediatrics.
- Horace Kerr Giffen, A.B., M.D., Assistant Professor of Pathology and Bacteriology.
- Harold Gifford, Jr., B.Sc. in Med., M.D., Associate Professor of Ophthalmology.
- Julius Charles Goldner, B.Sc., M.D., Instructor in Neurology and Psychiatry.
- Jack Gordon, B.Sc., B.M., M.D., Instructor in Pathology and Bacteriology.
- William Ernest Graham, A.B., M.D., Instructor in Internal Medicine.
- Richard Walter Gray, M.D., Instructor in Neurology and Psychiatry.
- Arthur Morion Greene, M.Sc., M.D., Assistant Professor of Medicine.
- Robert M. Gregg, B.Sc. in Pharmacy, M.S., Instructor in Pharmacy.
- Manuel Grodinsky, B.Sc., M.D., Associate Professor of Anatomy and Surgery.
- Millard Fillmore Gunderson, Ph.D., Professor of Pathology and Bacteriology. (*Acting Chairman of Department.*)
- Walter Mark Gysin, M.D., Assistant Professor of Neurology and Psychiatry.
- Lynn Thompson Hall, B.Sc., M.D., Professor of Clinical Medicine.
- William Rudolph Hamsa, B.Sc., M.D., Professor of Orthopedic Surgery. (*Chairman of Department.*)
- Ernest Wilberforce Hancock, A.B., M.D., Instructor in Pediatrics.
- Charles Robert Hankins, A.B., M.D., Associate in Internal Medicine.
- Lyman Howard Heine, A.B., M.D., Associate in Otorhinolaryngology.
- Paul Heller, M.D., Instructor in Internal Medicine.
- Merrill J. Hendricksen, Special Research Assistant.
- Joseph Aloysius Henske, M.D., Professor of Pediatrics.
- Hiram Hilton, M.D., Clinical Coordinator.
- Donald Vincent Hirst, A.B., M.D., Instructor in Obstetrics and Gynecology.
- Heiner Hoffman, B.Sc., D.M.D., M.S., Ph.D., Instructor in Bacteriology and Pathology.
- Edward Agustus Holyoke, Ph.D., M.D., Professor of Anatomy.
- Wayne McKinley Hull, M.Sc., M.D., Associate in Internal Medicine.
- Fred Ludwig Humoller, B.Sc., Ph.D., Associate Research Professor of Chemical Physiology and Pharmacology.
- Howard Beeman Hunt, A.M., M.D., Professor of Radiology and Physical Medicine. (*Chairman of Department.*)
- Charles Gregory Ingham, M.D., Clinical Assistant in Neurology and Psychiatry.
- Donald Robert Jackson, A.B., M.D., Instructor in Internal Medicine.
- Herbert Paul Jacobi, B.Sc., M.Sc., Ph.D., Assistant Professor of Biochemistry.
- Herman Milton Jahr, B.Sc., M.D., Professor of Pediatrics. (*Chairman of Department.*)
- George Nick Johnson, Jr., M.D., Instructor in Surgery.
- Herman Frank Johnson, M.D., Associate Professor of Orthopedic Surgery.
- Marshall R. Jones, A.B., M.A., Ph.D., Assistant Professor of Medical Psychology.
- Robert Eric Joranson, B.Sc., M.D., Associate in Internal Medicine.
- John Hewitt Judd, B.Sc., M.D., Professor of Ophthalmology. (*Chairman of Department.*)
- Henry Kammandel, B.Sc., M.D., Instructor in Urology.
- J. Jay Keegan, A.M., M.D., Professor of Neurological Surgery.
- John Charles Kennedy, M.A., M.D., Associate in Surgery and Instructor in Anatomy.
- Esley Joseph Kirk, A.M., M.D., Associate Professor of Medicine.
- Frank Joseph Klabenos, B.Sc. in Med., M.D., Instructor in Otorhinolaryngology.
- George John Klok, A.B., B.Sc., M.D., Associate in Pediatrics.
- Roy J. Korn, M.D., Instructor in Internal Medicine.
- James Robert Kovarik, M.D., Clinical Assistant in Obstetrics and Gynecology.
- Morton Howard Kulesh, A.B., M.D., Instructor in Pathology and Bacteriology.
- Benton Kutler, A.B., D.D.S., Instructor, Department of Preventive Medicine.
- Thomas Shirley Kyle, M.S., Instructor in Pathology and Bacteriology.
- Edward Langdon, B.Sc., M.D., Instructor in Internal Medicine.
- John Stephens Latta, Ph.D., Professor of Anatomy. (*Chairman of Department.*)

* On military leave.

- Leroy William Lee, B.Sc. in Med., M.S., M.D., Associate Professor of Urology. (*Chairman of Department.*)
- Henry John Lehnhoff, Jr., A.B., M.D., Assistant Professor of Internal Medicine.
- Raymond Gerald Lewis, A.B., B.Sc., M.D., Associate in Internal Medicine.
- Roland Henry Loder, M.P.H., M.D., Associate Professor of Preventive Medicine.
- Robert Stanley Long, B.Sc., M.D., Associate in Internal Medicine.
- George Walter Loomis, A.B., M.D., Instructor in Internal Medicine.
- Robert Ellsworth Lovgren, B.Sc., M.D., Instructor in Otorhinolaryngology.
- Leon Lucas, B.Sc., M.S., Assistant Professor of Psychiatric Social Work.
- Ralph Herbert Luikart, M.D., Associate Professor of Obstetrics and Gynecology.
- Joseph A. Lucas, D.D.S., Dental Consultant, Student and Personnel Health.
- George Jefferson Lytton, B.Sc., M.D., Instructor of Neurology and Psychiatry.
- James Sylvester McAvin, Ph.G., M.D., Associate in Radiology and Physical Medicine.
- Joseph Daniel McCarthy, M.D., Associate Professor of Internal Medicine.
- Harry Webber McFadden, A.B., M.D., Instructor in Pathology and Bacteriology.
- Millard Blair McGee, A.B., B.Sc., M.D., Instructor in Internal Medicine.
- Leon Steiner McGoogan, A.B., M.D., Professor of Obstetrics and Gynecology. (*Acting Chairman of Department.*)
- Archibald Ross McIntyre, Ph.D., M.D., Professor of Physiology and Pharmacology. (*Chairman of Department.*)
- Charles William McLaughlin, Jr., B.Sc. in Med., M.D., Associate Professor of Surgery.
- George Boone McMurtrey, M.D., Clinical Assistant in Surgery.
- Clarence Austin McWorter, B.Sc. in Med., M.D., Assistant Professor of Pathology and Bacteriology.
- Reginald Anslow MacHaffie, B.Sc., M.A., M.D., Clinical Assistant in Internal Medicine.
- Ernest Lynn MacQuiddy, A.B., M.D., Associate Professor of Medicine.
- Morris Margolin, A.B., M.D., Assistant Professor of Internal Medicine.
- Clinton Charles Millet, B.Sc., M.D., Clinical Assistant in Internal Medicine.
- Willson Bridges Moody, A.B., M.D., Professor of Medicine. (*Chairman of Department.*)
- Charles Franklin Moon, M.D., Associate Professor of Obstetrics and Gynecology.
- Ralph Cory Moore, B.Sc., M.D., Associate Professor of Radiology and Physical Medicine.
- Harold Smith Morgan, M.D., Instructor in Obstetrics and Gynecology.
- Serguis Morgulis, A.M., Ph.D., Professor of Biochemistry. (*Chairman of Department.*)
- Haskell Morris, A.B., M.D., Instructor in Internal Medicine.
- William Howard Morrison, B.Sc. in Med., M.D., Associate Professor of Ophthalmology.
- Paul Newton Morrow, A.B., B.Sc. in Med., M.D., Assistant Professor of Pediatrics.
- Reuben Allyn Moser, A.B., M.D., Associate Professor of Internal Medicine, Director of Medical Clinic at the Dispensary, and Assistant Superintendent of University Hospital.
- Howard Otis Mott, A.B., M.D., Instructor in Internal Medicine.
- Floyd Joshua Murray, B.Sc., M.D., Associate in Surgery.
- William Reece Elton Newman, B.S., M.D., Assistant Professor of Preventive Medicine.
- Oliver Clarke Nickum, A.B., M.D., Instructor in Medicine.
- Friedrich Wilhelm Niehaus, B.Sc., M.D., Professor of Medicine.
- Donald Charles Nilsson, A.B., M.D., Instructor of Pediatrics.
- John Frederick Nilsson, M.D., Instructor in Surgery and Anatomy.
- Byron Bay Oberst, B.A., M.D., Instructor in Pediatrics.
- Leland J. Olson, A.B., M.D., Clinical Assistant in Obstetrics and Gynecology.
- Earl Stanley Pederson, A.B., M.A., Ph.D., M.D., Assistant Professor of Anatomy and Radiology.
- Maurice Lewis Pepper, B.Sc., M.D., Associate in Internal Medicine.
- George Francois Pinne, M.D., Instructor in Dermatology and Syphilology.
- Louis Thomas Placek, B.Sc., M.D., Instructor in Otorhinolaryngology.
- Stanley Ernest Potter, M.D., Associate in Surgery and Instructor in Anatomy.
- Eugene Francis Powell, A.B., Ph.D., Premedical Adviser, Assistant Professor in Zoology and Anatomy.
- Peyton Thomas Pratt, A.B., M.D., Instructor in Internal Medicine.
- Walter E. Rahm, Jr., B.A., Research Assistant Professor in Internal Medicine.
- Max McCoy Raines, A.B., M.D., Instructor in Surgery.
- Robert Houston Rasgorshok, M.D., Assistant Professor of Ophthalmology.
- John Arthur Rasmussen, M.D., Clinical Assistant in Surgery.
- John Philbrook Redgwick, B.Sc., M.D., Assistant Professor of Obstetrics and Gynecology.
- Oliver Francis Reihart, D.V.M., Instructor in Comparative Pathology.
- Rose M. Reynolds, A.B., Instructor in Anatomical Illustration.
- Jerome Ritter, M.D., Clinical Coordinator.

- ✓ George Edwin Robertson, B.Sc. in Med., M.D., Associate Professor of Pediatrics.
- ✓ Earl Alvin Rogers, B.A., M.D., Assistant Professor of Preventive Medicine.
- ✓ Charles Morton Root, M.D., Instructor in Internal Medicine.
- ✓ William Leonard Rumbolz, A.B., M.D., Associate in Obstetrics and Gynecology.
- ✓ Earl Cuddington Sage, B.Sc., M.D., Professor of Obstetrics and Gynecology.
- ✓ Gilbert Lee Sandriiter, M.D., Associate in Neurology and Psychiatry.
- ✓ John Rudolph Schenken, B.Sc., M.D., Professor of Pathology and Bacteriology.
- ✓ Rudolph Frederick Sievers, Ph.D., M.D., Instructor in Physiology and Pharmacology.]
- ✓ Eugene Earl Simmons, B.Sc., M.D., Associate Professor of Internal Medicine.
- ✓ Milton Simons, B.Sc. in Med., M.D., Instructor in Pathology and Bacteriology.
- ✓ Richard Dale Smith, A.B., M.D., Instructor in Orthopedic Surgery.
- ✓ Alvin Somberg, M.D., Instructor in Internal Medicine.
- ✓ Clarence Thompson Spier, A.B., LL.B., Assistant Professor of Medical Jurisprudence.
- ✓ Robert Johnston Stein, B.Sc., M.D., Instructor in Neurology and Psychiatry.
- ✓ Abraham A. Steinberg, B.Sc., M.D., Associate in Ophthalmology.
- ✓ John F. Steinman, A.B., M.D., Instructor in Neurology and Psychiatry and Pediatrics.
- ✓ Jack Michael Stemper, M.D., Instructor in Medicine.
- ✓ LaVern Craig Strough, B.Sc., M.D., Associate in Neurology and Psychiatry.
- ✓ Samuel August Swenson, Jr., A.B., B.Sc., M.D., Instructor in Surgery.
- ✓ Jerry X. Tamisiea, M.D., Instructor in Pathology and Bacteriology.
- ✓ *Willis Heacock Taylor, B.Sc., M.D., Clinical Assistant in Obstetrics and Gynecology.

Committees of the Faculty

- ADMISSIONS AND SCHOLASTIC STANDING—Drs. Pederson, *Chairman*, Dickinson, Griffen, Hamsa, McFadden, McGoogan.
- BUDGET AND POLICY—Drs. H. H. Davis, *Chairman*, Dunn, Graham, Gunderson, Hunt, Latta, McFadden, McGoogan, McIntyre, Moody, Mr. Carr.
- BUILDING AND GROUNDS—Drs. Dunn, *Chairman*, Bisgard, Hunt, McWhorter, Potter, Wittson, Mr. Saxon.
- CLINICAL CLERK COORDINATORS—Drs. Hamsa, Hilton, Moody, Ritter, Therien.
- CURRICULUM—Drs. Bennett, *Chairman*, H. H. Davis, Gedoug, Holyoke, Pratt.
- DISPENSARY—Drs. Pepper, *Chairman*, Eagle, Kammandel, Kulesh, Rumbolz, Swenson.
- EXAMINATIONS (SENIOR)—Drs. Beber, *Chairman*, Adams, Aita, Anderson, Campbell, Freed, Morrison, Raines.
- LIBRARY—Drs. Latta, *Chairman*, Dunn, Hankins, Miss Kyle, Mrs. Hetzner.
- PRECEPTORSHIPS—Drs. MacQuiddy, *Chairman*, Best, McCarthy, Moon, Niehaus, W. Thompson.
- PUBLIC RELATIONS—Drs. Lee, *Chairman*, Best, Bradley, Brush, Dunn, Redgwick, Schenken, Simmons.
- REFRESHER COURSE—Drs. Newman, *Chairman*, Bantin, Bucholz, Gedgoud, Rasmussen.
- RESIDENT ADVISORY—Drs. Bisgard, *Chairman*, Greene, Schenken.
- SPECIAL FUNCTIONS—Drs. Jacobi, *Chairman*, Cotton, Hoffman, Miss Reynolds, Miss Williams, Miss Pospichal.
- STUDENT ASSISTANCE—Drs. Holyoke, *Chairman*, Bach, Elliott, Gunderson.
- UNIVERSITY HOSPITAL—Drs. Hunt, *Chairman*, H. E. Anderson, Jahr, Lehnhoff, McLaughlin, McWhorter, Miss Kyle (ex officio), Dr. Moser (ex officio).

Administration

- Irma Maurine Kyle, R.N., B.Sc., S.M.,** Director of the School of Nursing and Professor of Nursing.
- Reuben Allyn Moser, A.B., M.D.,** Assistant Superintendent of University Hospital and Associate Professor of Medicine.
- Ruben Bryan Saxon, B.Sc., in M.E.,** Assistant Operating Superintendent at the College of Medicine.
- James Gray Carr, Jr., B.Sc.,** Assistant Superintendent of University Hospital, Fiscal and Personnel Officer.
- Bernice Martin Hetzner, A.B., M.A.,** Librarian.
- Helen Erikson, R.N.,** Superintendent of Dispensary.
- Josephine Chamberlin, R.N.,** Superintendent of Dispensary, Emeritus.
- Mary Elizabeth Converse, B.A.,** Administrative Assistant, Medical Record Librarian.
- Evelyn Schellak, A.B., M.S. in Social Administration,** Director of Medical Social Service.
- Ruth ErDena Pohle, B.A.,** Supervisor in Hospital Laboratory.
- Violet May Pospichal,** Assistant Registrar.

* On Military leave.

- Marilyn G. Myers, Secretary to the Dean.
 Doris Spragg, Dietitian.
 Frederick Franklin Teal, A.B., M.D., Assistant Professor of Orthopedic Surgery.
 Robert Charles Therien, B.Sc. in Med., M.D., Instructor in Anesthesiology.
 John Martin Thomas, A.B., M.D., Assistant Professor of Pediatrics.
 Chester Quay Thompson, B.Sc. in Med., M.D., Associate Professor of Medicine.
 Dorothy Helen Thompson, B.Sc. in Med., M.D., Assistant Professor in Anesthesiology.
 Lynn Wirt Thompson, B.Sc., M.D., Instructor in Anesthesiology.
 Warren Thompson, B.Sc., M.D., Professor of Internal Medicine.
 James Perry Tollman, B.Sc. in Med., M.D., Professor of Pathology and Bacteriology,
 Director of the School of Medical Technologists, Dean of the College of Medicine
 and Superintendent of University Hospital.
 Charles Archibald Tompkins, B.Sc. in Med., M.D., Associate in Pediatrics.
 Stanley Marshall Truhlsen, A.B., M.D., Instructor in Ophthalmology.
 Donald Clay Vroman, B.Sc. in Med., M.D., Instructor in Obstetrics and Gynecology.
 Carl Arthur Walvoord, M.D., Clinical Assistant in Internal Medicine.
 Chester Hill Waters, Jr., A.B., M.D., Assistant Professor of Orthopedic Surgery.
 Robert Spencer Wigton, M.A., M.D., Associate Professor of Neurology and Psychiatry.
 Violet Myrtle Wilder, A.B., M.A., Ph.D., Assistant Professor of Biochemistry.
 Donald Jasper Wilson, A.B., B.Sc., M.D., Assistant Professor of Dermatology and
 Syphilology.
 Joseph Lorenzo Wilson, M.D., Instructor in Neurology and Psychiatry.
 Cecil Legriell Wittson, B.Sc., M.D., Professor of Neurology and Psychiatry.
 Willis Dean Wright, B.Sc., M.D., Associate in Internal Medicine.
 Raymond Joseph Wyrens, A.B., M.D., Associate in Internal Medicine.
 George Alexander Young, Jr., M.D., Instructor in Internal Medicine and Assistant
 Professor of Neurology and Psychiatry.
 Richard Harte Young, M.S., M.D., Professor of Neurology and Psychiatry. (*Chairman
 of Department.*)
 Hyman J. Zimmerman, A.B., M.A., M.D., Assistant Professor of Internal Medicine.

DEPARTMENT OF ANATOMY

J. S. Latta, Chairman

DEPARTMENT OF BIOCHEMISTRY

S. Morgulis, Chairman

DEPARTMENT OF DERMATOLOGY AND
 SYPHILOLOGY

O. J. Cameron, Chairman

DEPARTMENT OF OBSTETRICS AND
 GYNECOLOGY

L. S. McGoogan, Acting Chairman

DEPARTMENT OF OPHTHALMOLOGY

J. H. Judd, Chairman

DEPARTMENT OF OTORHINOLARYNGOLOGY

J. C. Davis, Chairman

DEPARTMENT OF PEDIATRICS

H. M. Jahr, Chairman

DEPARTMENT OF PHYSIOLOGY AND
 PHARMACOLOGY

A. R. McIntyre, Chairman

DEPARTMENT OF INTERNAL MEDICINE

W. B. Moody, Chairman

DEPARTMENT OF MEDICAL JURISPRUDENCE

DEPARTMENT OF NEUROLOGY AND PSYCHIATRY
 R. H. Young, Chairman

DEPARTMENT OF ORTHOPEDIC SURGERY

W. R. Hamsa, Chairman

DEPARTMENT OF PREVENTIVE MEDICINE

W. R. E. Newman, Acting Chairman

DEPARTMENT OF PATHOLOGY AND
 BACTERIOLOGY

J. P. Tollman, Acting Chairman

DEPARTMENT OF RADIOLOGY AND
 PHYSICAL MEDICINE

H. B. Hunt, Chairman

DEPARTMENT OF SURGERY

H. H. Davis, Chairman

DEPARTMENT OF UROLOGY

E. Davis, Chairman

Residents

ANESTHESIOLOGY

John Lucian Barmore, M.D.

Russell Charles Brauer, A.B., M.D.

INTERNAL MEDICINE

Alexander Thom Harvey, B.Sc., M.D.

Paul Carl Rook, B.Sc., M.D.

Richard Boyd Johnson, M.D.

Robert Carl Rosenlof, B.Sc. in Med., M.D.

Robert Lester Jones, A.B., M.D.

OBSTETRICS AND GYNECOLOGY

Philip Harold Henderson, Jr., B.Sc., M.D.

Kermit Leonard, M.D.

George Marlin Horner, A.B., M.D.

Colin Burwell Schack, B.A., M.D.

OPHTHALMOLOGY

Helen Chi, M.D. Louis J. Stadnik, M.D.
 Matthew Lintauras Namikas, M.D.

ORTHOPEDIC SURGERY

William Holmes Weingarten, M. D.

PATHOLOGY

Donald Max Fitch, M.D. Frank Leonard Vrtiska, A.B., M.D.

PEDIATRICS

Ismail Ozaydin, M.D. Fritz Laroche, M.D.
 Willis Franklin Stanage, M.D. Margaret Louise McHenry, B.Sc. in Med.,
 M. D.

PSYCHIATRY

Jean Box, M.D. Allan Curtis Thurman, M.D.
 Robert Dale Jones, M.D. Tahir Bulent Tunakan, A.M.D.
 George Wilbert Kleinschmidt, M.D. John Carl White, B.Sc. in Med., M.D.

RADIOLOGY

Lucien Harding Blattspieler, B.Sc., M.D. Robert Henry Butler, B.Sc. in Ed., M.D.

SURGERY

Carlyle Everett Wilson, M.D. Lawrence Taylor DeBusk, B.Sc. in Med.,
 M.D.
 LeRoy Edward Groshong, M.D. Harold Daniel Jourdan, A.B., M.D.
 Barney Benjamin Rees, M.D. Robert Dudley Olney, A.B., M.D.
 John Dee Fletcher, M.D. Howard Rex Wilcox, B.Sc., M.D.
 Robert Glen Murray, M.D.

Interns

Harold Ellis Gentry, Jr., B.Sc., M.D. Gerhard Traugott Schmunk, B.A., M.D.
 Marquis Warren Hineman, B.Sc., M.D. Wayne Roy Shaw, B.Sc. in Med., M.D.
 Leo Adrian Hrnicek, M.D. Donald Trojan Stroy, A.B., M.D.
 Salvatore Luciano Nigro, B.Sc. in Med., Damaris Elisabeth Suttle, B.Sc. in Med.,
 M.D.
 Jerrold Sidney Rice, B.A., M.D. Joseph Raymond Volk, Jr., A.B., M.D.
 James LeRoy Vose, B.Sc., M.S., M.D.

Second Year Intern

Murray Humiston Crouse, M.D.

PRECEPTORS

James Gillan Allen, B.Sc. in Med., M.D. and Isaiah Lukens, A. B., B.Sc., M.D., Te-
 kamah
 Carl Gideoir Amick, B.Sc., M.D., Loup City
 Allen Byford Anderson, M.D., Pawnee City
 Arthur Wesley Anderson, M.D., Lexington
 Chauncey Leroy Anderson, M.D., Stromsburg
 Carl Cecil Barr, B.Sc., M.D., Tilden
 Walter Benthack, M.D., Wayne
 Herbert Alva Blackstone, B.Sc., M.D., Bridgeport
 Rolland Roy Brady, M.D., and William D. Lear, B.Sc., M.D., Ainsworth
 John Hargreaves Calvert, A.B., M.D., Pierce
 Charles Maxwell Coe, B.Sc., M.D., Wakefield
 Roy Spencer Cramm, B.Sc. in Med., M.D., Burwell
 Benhard Farner, M.D., and George Salter, M.D., Norfolk
 John Edgar Farner, M.D., and Wilbur Edward Johnson, A.B., B.Sc., M.D., Valentine
 W. Max Gentry, A.B., M.D., Gering
 Oscar W. French, M.D., O'Neill
 John Philip Gilligan, B.Sc. in Med., M.D., Nebraska City
 Benjamin Hayes Grimm, B.Sc., M.D., Sidney
 Edward Carl Hanisch, A.B., M.D., St. Paul
 George Alfred Haslam, A.B., B.Sc., M.D., Fremont
 Frank Theo Herhahn, B.Sc., M.D., and Jacob Krieg, M.D., Scottsbluff
 W. Ray Hill, B.Sc., M.A., M.D., Milford
 Clifford Dale Howard, B.Sc., M.D., and Rudolph Frederick Sievers, Ph.D., M.D.,
 Blair

Marvin Anthon Johnson, M.D., Plainview
Otto Albin Kostal, B.Sc., M.D., Hastings
Joseph Kuncel, Jr., M.D., Alliance
Mason E. Lathrop, M.D., Wahoo
Earl Francis Leininger, B.Sc., M.D., McCook
Roscoe Paul Luce, B.Sc. in Med., M.D., Fairbury
John Lewis McFee, B.Sc., M.D., Ogallala
Julian E. Meyer, M.D., and Everett C. Brillhart, B.Sc., M.D., Columbus
Donal Hobart Morgan, B.Sc., M.D., McCook
H. Dey Myers, B.Sc., M.D., Schuyler
Harold Jay Panzer, A.B., M.A., M.D., Bassett
Theodore August Peterson, M.D., and Walter M. Reiner, M.D., Holdrege
Dan Atchison Nye, M.D., Kearney
Bert W. Pyle, M.D., Gothenburg
Paul Milton Scott, B.Sc. in Med., M.D., Auburn
Willard George Seng, M.D., Oshkosh
Fay Smith, B.Sc., M.D., Imperial
Donald Benjamin Steenburg, B.Sc., M.D., Aurora
Carl Herman Louis Stehl, M.D., Scribner
H. S. Tennant, B.Sc., M.D., Stanton
Irwin L. Thompson, B.Sc., M.D., West Point
William W. Waddell, M.D., Beatrice
Ray S. Wycoff, M.D., Lexington

COLLEGE OF MEDICINE

History.—The legislative Act of February 15, 1869, provided for the formation of the University of Nebraska at Lincoln, and included provision for a college of medicine. In 1883, the University of Nebraska College of Medicine was established at Lincoln. It continued in operation until the 1887 session of the legislature withdrew its appropriation, necessitating discontinuance of the college on May 19, 1887. The Omaha Medical College incorporated at Omaha in 1881, became a part of the University of Nebraska in 1902. The merger resulted in the first two years of the four-year medical course being given in Lincoln and the last two years in Omaha. Since 1913 the entire four-year course has been given in Omaha.

Standing.—Nebraska legislatures, since 1913, have appropriated more than three million dollars which the Board of Regents has devoted to the construction and equipment of buildings on the University of Nebraska College of Medicine campus at Omaha. The campus provides for the instruction of students in the preclinical sciences, and in the University Hospital and Dispensary, for clinical teaching and experience. A strong faculty has met the demands of the expanding requirements of medical education, and, through affiliated hospitals, adequate clinical facilities have been provided.

The College of Medicine meets the requirements of the most exacting state examining and licensing boards. Its diploma grants the holder all privileges accorded to graduates of any medical college in the United States. It is a member of the Association of American Medical Colleges and is approved by the Council of Medical Education and Hospitals of the American Medical Association. It maintains high standards in instructional staff and content of courses.

The course of study in medicine covers four years of 36 to 48 weeks each. The first two years in medicine include those laboratory sciences which form the basis for the clinical studies of the last two years. The clinical application of laboratory subjects is emphasized and introductory clinical subjects are given in the second year. The last two years are spent largely in the study of disease in clinics of the hospital and outpatient department. The objective method is followed in laboratories and clinical instruction. In all courses students are encouraged to do a large amount of individual work and are arranged in small groups to meet both laboratory and clinical instructors.

APPLICATIONS FOR ADMISSION



Application for admission should be addressed to the Assistant Registrar, College of Medicine, 42nd Street and Dewey Avenue, Omaha 5, Nebraska. Printed application forms are available at the College of Medicine. Students applying for the Class of 1954 must have their completed applications in the Assistant Registrar's Office on or before May 1, 1953. Applications received after that date will not be considered by the Committee on Admissions and Scholastic Standing.

Because there are many more applications than there are places in medical schools, an applicant should have a scholastic record that places him in the upper half of his college class although high scholarship alone does not assure an acceptance. The Committee on Admissions and Scholastic Standing also considers appraisals of character as offered by science professors, personal interviews, scores in various tests, and an applicant's fitness and promise as a physician as compared with other applicants.

In the selection of candidates, preference is given to residents of Nebraska and states not having a medical school. It is possible to admit only a very few non-resident students and these students are selected from a group who have exceptional qualifications in every respect. All premedical work must be completed before beginning the first year in medical school, although these requirements need not be completed at the time the application is filed.

APPLICATION PROCEDURE



Applicants for admission to the College of Medicine must present the following:

1. A completed application form sent from the College of Medicine.
2. A small recent, unmounted photograph, preferably 2 x 2.
3. An official transcript sent directly from the high school attended, showing the grades and credits earned.
4. An official transcript sent directly from each college or university attended.
5. Two character appraisals from professors of premedical sciences, preferably chemistry, zoology or physics.
6. The result of the Medical College Admission Test. The 1954 class will take the test in the fall of 1952. Information concerning this test may be obtained from the premedical advisor of the arts and science college or from the Educational Testing Service, P. O. Box 592, Princeton, New Jersey. Students should communicate directly with that office for specific details.

A personal interview with the Dean of the College of Medicine or with members of the Committee on Admissions and Scholastic Standing is required. However, an applicant coming from a distance for the interview will do so entirely on his own responsibility.

A fee of \$5.00 must accompany the application of a student who is not a legal resident of Nebraska. Remittance should be made by check or postoffice money order and made payable to the University of Nebraska College of Medicine. Currency should not be sent. The fee will cover the cost in handling the application and is not refunded.

Any applicant who has previously applied for admission and has not been accepted or who fails to enroll after an acceptance, must re-apply in the regular manner if he wishes consideration for a subsequent year.

If an applicant has previously attended a medical school, he must also submit complete official transcripts of his medical school work and a letter of honorable dismissal from the dean of the last medical school attended. If a student has been dropped from another medical school because of poor scholarship or unsatisfactory conduct, he is not acceptable for admission to The University of Nebraska College of Medicine.

SPECIFIC EDUCATIONAL REQUIREMENTS



High School.—Fifteen secondary school units are required for admission and must include three units in English, two units in one foreign language (ancient or modern), two units in mathematics (one each of algebra and geometry or an equivalent), and one in science (biology, botany, chemistry, physics or zoology). One unit each of English, foreign language and mathematics may be certified in the ninth grade.

College or University.—The University of Nebraska College of Medicine requires a minimum of three years of college work (90 semester hours or 135 quarter hours) in an accredited college. Preference is ordinarily given to students who have received a baccalaureate degree. Specific minimum premedical course requirements are as follows:

	<i>Semester Hours</i>
Chemistry (4 hours of which shall be organic)	15
Biology	8
Physics	8
English	6
Electives	53
Total	90

CHEMISTRY: Fifteen semester hours which must include complete course in general inorganic chemistry, and organic chemistry.

BIOLOGY: Eight semester hours, of which at least four semester hours represent laboratory work. The requirements may be satisfied by a course of eight credit hours in zoology. These requirements can be satisfied at the University of Nebraska by completing courses: Zoology 1, 2, 112, 141 or 151; or by Biology 1, 2 and Zoology 112 or 141 or 151. They may also be met by four credit hours in zoology and four credit hours in botany, but not by botany alone.

PHYSICS: Eight semester hours including mechanics, sound, heat, electricity, magnetism and light. For students at the University of Nebraska this requirement can be met by the completion of Physics 1 and 2, or 3 and 4, or 11 and 12.

ENGLISH COMPOSITION AND LITERATURE: Six semester hours. The usual introductory college courses or their equivalent. Students should develop the ability to speak and write good English and those found deficient in the use of written or spoken English will not be permitted to enter upon or continue the medical course.

FOREIGN LANGUAGE: Students must have a reading knowledge of a foreign language, preferably a modern foreign language. This requirement may be met as follows:

	<i>Hours</i>
A. 1. Classics.....	6-18
2. Modern Languages.....	6-18
Language requirement for graduation:	

	GROUP REQUIREMENT	(or)	COMBINED GROUP and ENTRANCE REQUIREMENT
HIGH SCHOOL LANGUAGE			
1 semester or none	16 hours in one language		18 hours in one language
2 semesters	11 hours in same language		12 hours in same language
3 semesters	11 hours in same language		11 hours in same language
4 semesters	6 hours in same language		6 hours in same language

A student who has completed French 14, German 4, Spanish 54 or Latin 6, or the equivalent of these courses, with a grade of 6 or above, will be considered as having met the language requirements of the College. All of these courses are fourth semester courses. It is presumed that any student who can earn a grade of 6 in these courses has an acceptable knowledge of the language, even if he has not earned credit in the more elementary courses in these languages. However, each student must have carried at least 6 semester hours of a language for graduation.

A student applying to the College of Medicine should have a grade average of at least 6.0 in all the required science courses. The grade point of 6.0 is based upon the grading system of the University of Nebraska. The equivalent in other grading systems will be determined by

the Assistant Registrar's Office and the Committee on Admissions and Scholastic Standing. In determining the equivalent, the grading system and the scholarship requirements of the college or university wherein the work was completed, will be taken into consideration.

ELECTIVES: It is recommended that the remaining hours include psychology, social studies, history and other humanities and should be chosen with the idea of obtaining the maximum cultural benefit. Candidates for a bachelors degree are urged to choose elective subjects not related to the specific medical requirements in order that they may acquire a broad cultural background. Credits offered from professional schools which do not regularly receive arts college credit are not accepted for premedical college requirements.

Semester hours in subjects such as anatomy, histology, embryology, physiology, biochemistry, medical bacteriology, or any other subject which is taken in the medical college cannot be used in satisfying the admission requirements.

REGISTRATION AND ADMISSION TO CLASSES



When an applicant receives notice that he has been accepted for entrance to the College of Medicine, he is required to send a deposit of \$25.00. This is applied to matriculation and is part payment of the tuition fee for the first semester or is forfeited if the applicant fails to register in the class for which he was accepted. Applicants who are eligible for the provision of Public Law 346, 79th Congress (G.I. Bill) should present their certificate of eligibility in lieu of the \$25.00 entrance deposit.

Registration is accomplished on the day indicated in the official calendar. A fee of \$3.00 is charged any student who, unless excused by the dean, seeks to register later than this day. A fee of \$2.50 is charged for reregistration. Any change whatever in a registration once made is considered as a reregistration. No work done in the College of Medicine may be granted credit without proper registration. Eligibility for the degree of Doctor of Medicine requires registration in twelve separate quarters. No student may add any subject to his schedule or drop from it any subject for which he has been regularly registered, without written permission from the dean.

Advanced Standing.—Application for admission to the second or third medical year classes will be considered only from students attending medical schools approved by the Council on Medical Education and Hospitals of the American Medical Association and provided a vacancy exists. An applicant for admission to advanced standing must follow the regular application procedure (see p. 12) and must furnish evidence that he has satisfactorily completed courses equivalent in kind and amount to those taken by the class to which admission is sought, and must present also a letter of honorable dismissal. The University of Nebraska College of Medicine reserves the right in every case to give examinations in any or all subjects in which credit is requested.

No student coming from another school will be allowed any privileges in this school which would have been denied him in the school which he leaves.

No student will be admitted to advanced standing in any class while he has a delinquency in any subject. No student may become a candidate for graduation unless he has spent the last two years in residence at this college.

In accordance with the recommendation of the Association of American Medical Colleges, the College of Medicine does not grant any time credit toward the Doctor of Medicine degree to holders of a bachelor's degree; this means that the total time spent by each student taking his medical degree must include as a minimum four years of registration in a medical college.

The granting of subject credit is at the discretion of the Committee on Admissions and Scholastic Standing. Admission to any class does not necessarily carry with it credit in all work previously done by the class since the Committee on Admissions and Scholastic Standing has the right to demand satisfactory evidence of the completion of previous work in that subject equal to that required of the students of this College, and in case the work is not equal to such requirement the deficiency stands against the student as an "incomplete" until removed.

Class Standing and Examination.—The standing of a student in any course is determined by the instructor in charge of the subject through examinations, personal contact, and observation of routine work. The passing grade for subjects of the first and second medical years is 4. However, a student who fails to make a yearly average of 5 must pass an oral examination in all of the subjects of the year just completed before being permitted to register for the following year. A student is allowed to take only one recapitulation examination. The passing grade for the third and fourth years is 5.

A course, which for a good reason has not been completed, may, if of passing grade, be marked "incomplete." Such incomplete must be removed by the end of the first quarter in which the course is again offered or it becomes a failure.

A failed subject must be absolved by reregistration in and satisfactory completion of the subject at or before the next offering in the college schedule. A reregistered subject takes precedence over all other subjects. A minimum grade of 5 in each course is required of students repeating work during the first two years. A student who has failed twice here or elsewhere in the same subject is not eligible for registration in that subject at this college.

Whenever at the end of any quarter a student is delinquent in half or more of his registered hours, his name is automatically dropped from the rolls of the College of Medicine and his registration cancelled.

Student discipline will be handled by the Dean of the College of Medicine. A student who by quality of work or conduct indicates an unfitness to enter the medical profession may be required at any time to withdraw from the medical college. Recommendations for suspensions, dismissals, or other suitable action as the case warrants, will be made to the Faculty of the College of Medicine, the Chancellor, and the Board of Regents. The Dean may appoint a committee of the Faculty to advise him on such matters.

Absence or Withdrawal.—Attendance at less than 80 per cent of the scheduled lectures and recitations or 85 per cent of the scheduled laboratory and clinical hours constitutes a failure in any course and shall be so reported. The Dean of the College of Medicine is the adviser of all students in the College of Medicine. A leave of absence for a short time may be granted by the dean. This is merely a justification for absence and not an excuse from any work. If a student in good and honorable standing finds it necessary to withdraw from the University before the

close of a quarter, the dean grants him permission to do so. If he is in good standing and is not a minor he is given honorable dismissal from the University at his own request; if a minor, at the request of his parents or guardian.

Requirements for Graduation

The degree of Doctor of Medicine is granted only under the following conditions:

1. The candidate must be at least 21 years of age.
2. He must possess a good moral reputation.
3. He must have complied with all the requirements of admission.
4. He must have pursued the study of medicine for at least four years and must have passed all required courses and examinations of the College of Medicine, University of Nebraska. The last two years work must have been taken at this institution.
5. He must write an acceptable paper on an examination posed by the Examinations Committee at the end of the senior year.
6. He must write and present an acceptable, typed senior thesis.
7. He must have discharged all indebtedness to the University of Nebraska.

The degree of Doctor of Medicine *cum laude* may be conferred upon a student who has made a high scholastic record, and who, in addition, has in the course of his medical studies performed some original research that has been published or is in preparation for publication. Such a student must be recommended by the department in which the original work was done. Usually he must stand in the upper ten per cent of his class.

REQUIREMENTS FOR GRADUATION



Course Leading to the Degrees of Bachelor of Arts or Bachelor of Science and Doctor of Medicine.—By completing the group requirements of the College of Arts and Sciences and two minors (or one major) and by the use of the subjects of the first year of the medical course as a major, the student is enabled to receive at the end of four years the degree of Bachelor of Arts or Bachelor of Science in the College of Arts and Sciences.

Candidates for baccalaureate degrees in institutions other than the University of Nebraska may arrange with their colleges to accept transcripts of the work of the first two years in medicine to apply to such degrees, or otherwise satisfy the requirements of those institutions.

Course Leading to the Degree of Bachelor of Science in Medicine.—Only students presenting premedical college credits of high standard and who have completed the first two years in medicine, the last year of which shall be in residence in this institution, but who have not fulfilled the requirements for the degree of Bachelor of Science or Bachelor of Arts in the College of Arts and Sciences, may become candidates for the degree of Bachelor of Science in Medicine.

GRADUATE WORK



Graduate work leading to the Master of Science or Doctor of Philosophy degree is offered at the College of Medicine under the rules and regulations of the Graduate College. Students registering for graduate work in Medical Sciences must comply with the general requirements of the Graduate College and special rules governing the graduate work in

Medical Sciences. Admission to graduate work in the Medical Sciences may be granted to students upon recommendation by the Graduate Committee at the College of Medicine from any of the following categories:

1. Students with a Bachelor of Science or Bachelor of Arts degree from a recognized college or university who must attain an average grade of 7 in a qualifying examination in the basic medical sciences.
2. Students with a baccalaureate degree and the degree of Doctor of Medicine with an acceptable record.
3. Students with a Master's Degree from an acceptable college and presenting the equivalent of two semesters credit in the basic medical sciences.
4. Students from the College of Medicine who have a bachelor's degree, who have completed the first two years of the regular curriculum in the College of Medicine or its equivalent, and who have attained an average grade of 7 in their courses or passed a qualifying examination in the basic medical sciences with a grade of at least 7.

A student who wishes to become a candidate for an advanced degree must select work in one of the departments approved for graduate work.

Candidates for advanced degrees who select one of the preclinical departments for their thesis research may come from any of the four categories listed above.

Candidates for advanced degrees who select one of the clinical departments for their thesis research must hold the M.D. degree and must select some graduate work in the preclinical departments.

The distribution of graduate work should be such that not more than two-thirds of the total program, including thesis research, should be in the major field of study and the remainder in at least one other department for candidates for the master's degree or at least two other departments for candidates for the Doctor of Philosophy degree.

Candidates for advanced degrees who select one of the preclinical departments for his thesis research may select other preclinical departments for additional work. Candidates for advanced degrees who select one of the clinical departments for their thesis research work select preclinical departments for additional work.

Graduate students may be required to obtain proficiency in their field of concentration by participation in the instruction of medical students for at least one semester in a regularly required course in the College of Medicine. A student who fails to earn an average grade of at least 7 may not continue his program of study without special permission of the Committee on Graduate Studies. The final oral examination for all advanced degrees will involve a defense of the thesis and will determine the candidate's knowledge of the fundamentals in the field of medical science, and their integration with the special fields of study.

FEES AND EXPENSES



A resident student carrying a full student load is required to pay a blanket fee of \$150 per quarter. A student not resident in Nebraska is required to pay a fee of \$205 per quarter. Adjustments may be made in the case of students carrying less than the full student load.

The blanket fee includes matriculation, registration, medical, laboratory, library, diploma and course fees. In case of undue usage of materials or breakage or loss of equipment other than that allotted to each course, and due to negligence on the part of the student, a penalty charge

will be levied based on the fair value of such material and equipment so lost or broken.

REFUNDS ○=○

Any student whose program of studies is cut short by reason of withdrawal from the University during any quarter for which registered is entitled to claim a refund in an amount to be determined by the Comptroller's office.

CHANGES IN SCHEDULE ○=○

Any student is permitted to make changes in his or her schedule. Such changes are made only upon the approval of the proper authorities. For such changes there will be a "change of registration fee" of \$2.50.

ADVANCED STANDING EXAMINATION ○=○

Any student has the privilege of applying for advanced standing credit on the basis of examination. There is a specific charge of \$6.00 per credit hour which must be paid in advance of the time of the examination.

MISCELLANEOUS FEES ○=○

The following fees are not included in the schedules listed above:

Transcript—one copy furnished free	
Each additional original.....	\$ 1.00
Original and one carbon copy.....	1.25
Degree in absentia.....	10.00
Special examination, each course.....	5.00
Thesis Abstract	35.00

CAP AND GOWN RENTAL ○=○

(Current Rates)

Bachelors	\$2.75	M.D.	3.25
Masters	3.00	Hood	3.25

No person may be recommended for a degree unless he has paid all fees assessed.

MISCELLANEOUS INFORMATION ○=○

Form of Payment.—To avoid misapprehension as to the amount charged for fees, checks on personal accounts will be received only when written for the exact amount of the fees. Parents or guardians should write checks for fees and for other expenses separately; if this is not done, students should deposit funds in a local bank and give personal checks for the amount of the fees.

Remittance by mail should be by draft, money order, or cashier's check. Do not send coin or money except by registered mail. It is impossible to trace money lost in the mail and University officials cannot be held responsible for such loss.

Nonresident Students.—All students not residents of Nebraska must pay a nonresident fee.

The following rules have been adopted by the Board of Regents:

1. In accordance with statutory provisions, all students not domiciled in Nebraska are required to pay the nonresident fees. Those entering the state to attend a state school, or within one year prior to matriculation, are presumed to be nonresidents and the burden of overcoming this statutory presumption is upon them. Ordinarily this will not be satisfied by a mere declaration, while attending school, of intent to reside in Nebraska.

2. One desiring exemption shall make a verified application therefor upon a blank to be secured from the Comptroller's office and approved by the committee on exemptions. All information called for by the form shall be given in full. When duly verified, the application shall be filed in the Comptroller's office.

3. Students who are charged the nonresident fee by the Registrar, and who claim exemption, must file their application for exemption in the Comptroller's office on or before the end of the ninth week of the semester for which the fee is charged; in the case of summer sessions, before the end of the third week of the term for which the fee is charged. For failure after due notice to file such application on said date, the fee becomes automatically assessed to the student.

4. In all cases the burden is upon the applicant to make a showing sufficient to justify the requested exemption. While personal hearings will not be granted as of right, the committee will summon the applicant for a personal interview in all cases where it is of the opinion that such an interview will aid the proper disposition of the case.

It should be noted that no provision is made for exempting students from this fee on account of financial need or of scholarship. Students coming from outside the state therefore should be prepared to pay the fee throughout their University career.

Microscopes.—Students are required to provide suitable microscopes for their own use. Inquiries regarding specifications for microscopes as recommended by the faculty may be obtained by addressing the dean's office.

Expenses.—Board may be obtained in the vicinity of the College campus at an average of \$15 per week. Comfortable rooms for an individual cost \$30 a month. Students rooming together may obtain comfortable rooming quarters at slightly less this amount. Seventy-five dollars a year should be allowed for books and instruments. The average expense of the student for a school year, including board and room, books, instruments and all fees is between \$1,250 and \$1,500.

STUDENT HEALTH SERVICE



The Student Health Service, which is a part of the Division of Preventive Medicine, has as its function the protection and conservation of the health of medical and nursing students. Periodic physical examinations are given and immunizations of proved worth are offered. Laboratory, X-ray and hospital facilities are available to those who need them. Ill students may report here for examination and treatment.

LABORATORY FACILITIES



Anatomy.—The Department of Anatomy occupies the third and fourth floors of the North Laboratory Building. The rooms are well lighted and ventilated. The "unit room" system—each unit accommodating four or eight students—has been adopted as superior to that of a large common dissecting room. The state anatomical law provides ample material for dissection. In the laboratory for microscopic anatomy individual desks, lockers, reagents, etc., are at the student's command, as are also excellent collections of histological and embryological material, models, charts, etc.

Biochemistry.—This department, located on the fourth floor of the South Laboratory Building, is amply equipped with modern scientific apparatus. It also has special research laboratories equipped with cal-

orimeter, thermostate, automatic burettes, electric stoves, etc. A balance room and rooms for combustion, calorimetric, and Kjeldahl work are among the excellent facilities of this department.

Pathology and Bacteriology.—This department occupies the first and second floors of the North Laboratory Building, and has two large teaching laboratories for bacteriology, for general pathology of the second medical year, and for clinical and special pathology of the third medical year. Ample facilities and apparatus, with the exception of microscopes, are provided for each student.

Pharmacology and Physiology.—Experimental pharmacology and physiology occupies the third floor of the South Laboratory Building. The chemical and pharmaceutical work of the student is carried on in this laboratory. The department's equipment includes private laboratories for experimental work.

The main laboratories accommodate 40 students in each section; separate tables with lockers are provided for each pair of students. The room for mammalian experimentation accommodates 32 students. For research work and special experiments, several additional rooms are available. The work shop, the instrument room, and the photographic room furnish opportunities for additional types of work.

Museum.—The pathological museum of the College of Medicine contains about 5,000 specimens. Nearly every variety of pathological lesion is represented and the constant addition of fresh material from the autopsies performed continually adds to its interest. In addition to the gross specimens are thousands of microscopic sections and a large collection of wax reproductions of various lesions. The museum is an important and necessary adjunct to the teaching of pathology and of clinical medicine.

Clinical Pathology.—For clinical clerk service a central hospital laboratory is provided, in which clinical laboratory work on assigned cases is done under supervision. For tissue examination, a special laboratory is located on the ground floor of the first hospital unit, with necropsy room adjacent.

FELLOWSHIPS, GRADUATE ASSISTANTSHIPS AND SCHOLARSHIPS



Fellowships are available to students who qualify for graduate study and research in the medical sciences. Application should be made to the chairman of department concerned.

Graduate Assistantships are available to students of exceptional ability to give them opportunity to do research in the medical sciences and fulfill the requirements for a Master of Science or Doctor of Philosophy degree.

Jetur Riggs Conkling and Jennie Hanscom Conkling Foundation.—The will of the late Clement C. Conkling provides for the creation of a trust to be known as the "Jetur Riggs Conkling and Jennie Hanscom Conkling Foundation," the income of which shall be used by the Regents of the University of Nebraska in providing scholarships for deserving medical students. Scholarships may be awarded only after the close of the students' first year in the Medical College. These scholarships are awarded on the basis of recommendation by student assistance committee.

The Anna Glock Fellowship in Cancer.—The will of the late Anna Glock provided money for research and treatment of cancer during a five-year period. A fellowship is awarded annually to the person who has had sufficient training and qualifications to pursue these studies. Applications should be addressed to the Dean.

The Sidney R. Kent Fellowship in Medicine.—An award of \$500 is available annually to the student in the College of Medicine who has made the most outstanding record and who desires to pursue further work in medicine. Such study may be pursued either in the University of Nebraska or elsewhere agreeable to the action of the Committee. Details of this award may be learned on application to the Dean's office or to the Sidney R. Kent Committee of Awards.

The LaVerne Noyes Foundation Scholarships.—LaVerne Noyes Scholarships are awarded usually on a yearly basis. However, recipients may file renewal applications each year. Original and renewal applications should be filed during June and July at the office of Dean of Student Affairs. LaVerne Noyes Scholarships are available to students regularly registered for work at the college level in any college or school of the University. At present, sufficient funds are available to provide tuition not to exceed \$50 per semester.

The C. W. M. Poynter Foundation.—A fellowship under the sponsorship of the Poynter Foundation provides a stipend of \$1,200 for a period of ten months, during which time the recipient will be expected to devote his entire time to research under the direction of any department of the College of Medicine. Applicants should have completed two or more years of medicine and have demonstrated ability and aptitude for investigative work. The recipient may, if he desires, become a candidate for an advanced degree in the medical sciences.

LOANS



The University of Nebraska College of Medicine has available loans for deserving students who, in an emergency, need financial assistance while attending medical school. Application for any of the following loan funds should be made at the Dean's Office, College of Medicine.

The Josephine Chamberlin Loan Fund.—On the retirement of Miss Josephine Chamberlin as Superintendent of the University of Nebraska Dispensary, on June 11, 1946, a fund was established in her honor. From this fund loans are available to students of the College of Medicine and the School of Nursing. Application should be made at the Dean's office.

Kellogg Fund.—In April, 1942 the W. K. Kellogg Foundation of Battle Creek, Michigan, gave the College of Medicine \$10,000 to be used as a student loan fund, particularly to meet the emergency created by the accelerated war schedule and the consequent loss of student earnings during the summer. An additional grant of \$5,000 was made later in the year.

Nebraska Federation of Women's Clubs Scholarship Loan.—An annual grant of \$200 is made for a loan to a student in the College of Medicine, on the basis of scholarship and financial need.

Omaha Medical College Foundation.—This foundation, created in April 1921, was established largely through contributions received from former professors in the Omaha Medical College. The object of the foundation is to promote the study of medicine and to provide for medical research in the University of Nebraska College of Medicine and to assist worthy students with loans.

Lizzie Oltmans and Frederick Oltmans Student Loan Fund.—In March, 1950, the donors named above paid \$1,000 to the University of Nebraska Foundation to be used as a loan fund for undergraduate and graduate students enrolled in the College of Medicine. Applications for these loans are acted upon by the Student Assistance Committee.

AWARDS

Dr. Frank M. Conlin Award.—An award established by the West Central Diabetes Association given annually for the outstanding senior thesis on diabetes or a related subject.

Nu Sigma Nu Achievement Award.—An award of \$50.00 for the benefit of students of the College of Medicine. Candidates are selected on the basis of scholarship, personality, attitude, energy, idealism and other worthy attributes, without regard to race, sex, color, creed or fraternal affiliation. A faculty committee selects medical students who have completed five semesters of the prescribed course of study and who are among the top ten of the class. Final selection is made by secret ballot with only members of the junior class voting.

University of Nebraska College of Medicine Alumni Association Award.—An award of \$50.00 is given each year to the senior student presenting the best thesis as judged by the Examinations Committee.

STUDENT AND ALUMNI ORGANIZATIONS

Student Activities Council.—The Student Activities Council governs the organization and regulation of student activities of the College of Medicine and School of Nursing. It serves as an agency through which faculty relationships with student activity may be fostered and maintained. Recognized student groups are members of the Student Activities Council.

Alumni Association.—Alumni of the University of Nebraska College of Medicine maintain an active organization with headquarters in Omaha at the college. Dr. E. A. Holyoke is secretary.

The alumni of the medical college offer a prize of \$50 for the senior thesis of the year judged best by the Examinations Committee.

Alpha Omega Alpha.—A.O.A. is a non-secret medical college honorary society, membership in which is based upon scholarship and moral qualifications.

Elections are made from the students who have completed seven semesters of the four-year medical curriculum and are made by unanimous vote of the active members of the Chapter. Not more than one-sixth of any class may be elected to membership. The University of Nebraska Chapter was organized November 2, 1914.

MEDICAL CURRICULUM

Departmental Hours.—The course of study outlined is constructed in accordance with the recommendations of the Council on Medical Education and Hospitals of the American Medical Association and of the Association of American Medical Colleges. The University Hospital and Dispensary on the Medical College campus furnish ideal opportunities for bedside clinical instruction in close relation to the scientific departments of the college.

CLINICAL FACILITIES

University Hospital.—The University Hospital forms the largest unit of the group of buildings constituting the College of Medicine. It is the center around which all the activities of the various departments are grouped, making possible a close correlation between clinical and laboratory teaching. The hospital, modern in every respect, contains floor space for 212 beds, and provides for the care of a wide variety of cases.

Patients are received from the several counties of Nebraska and are

admitted on the application of a legally qualified practitioner of medicine and chairman of the county board.

The ground floor contains an admitting department, diet kitchen, patient's library, drug room, kitchen, dining rooms, pathological laboratories, necropsy amphitheater, the X-ray and physical medicine department, and the stack room of the library. The first or main floor contains the college and hospital administration offices, registrar's office, medical amphitheater, reading room of the library, office of the dietitian, three medical wards, staff room, and electro-cardiograph room. The second floor provides four surgical wards similar to those on medicine, a faculty conference room, the offices of the School of Nursing, alumni office, surgery department office, and the photography department. The third floor contains wards for obstetrics, a nursery, a children's ward, and a central hospital supply as well as the operating pavilion for obstetrics. On the fourth floor is situated the operating pavilion with rooms for general surgery and the surgical specialties which will accommodate large and small groups of observers, the hospital laboratory, the laboratory for clinical clerks, the Medical Record Department, and interns' quarters. Each ward is provided with a large solarium.

The control of the University Hospital rests in The Board of Regents and is administered by the College of Medicine.

University Dispensary.—The dispensary is located in the South Laboratory Building. Separate services, each having its own rooms and equipment, are provided in: dermatology; eye, ear, nose, and throat; genitourinary diseases; gynecology; internal medicine; neurology; obstetrics; orthopedic surgery; pediatrics; surgery; and urology. There is also an out-call service which provides medical treatment in the homes, and in its problems, cooperates with the Visiting Nurses' Association and other charitable agencies of the city. These activities furnish a wide diversity of diseases and are organized for the teaching of the senior students.

Extramural Hospitals.—Bishop Clarkson Memorial, Childrens' Memorial, Lutheran, Immanuel Deaconess, Nebraska Methodist, Hattie B. Munroe Convalescent Home and Douglas County hospitals are available for regular or special clinics as needed. Clinics in psychiatry are provided at the Nebraska Psychiatric Unit located at the Douglas County Hospital. Members of the University Faculty are on the staffs of all these hospitals.

Hospital Appointments.—Graduates of the College of Medicine are afforded a wide choice in the selection of internships. Fourteen internships and twenty-six residencies in the major specialties are available at the University Hospital.

Medical Social Service Department.—The Medical Social Service Department provides a service to the patient and to the doctor. It interprets the medical findings and recommendations to the patient and his family and gives to the doctor information regarding the economic, social and cultural problems of the patient. This information gives the doctor a better understanding of the patient and enables him to better evaluate the patient's ability to carry out his orders.

SCHOOL OF NURSING



The College of Medicine also maintains a School of Nursing affording three years' instruction with unexcelled facilities. The immediate administration of the School of Nursing is provided through the Director and the faculty. Instruction in the various subjects outlined in the nursing curriculum is given by members of the faculty of the School of Nursing

and the College of Medicine. Students are admitted to the School of Nursing as candidates for the diploma of Graduate Nurse and as candidates for the degree of Bachelor of Science in Nursing. Conkling Hall, the residence of the School of Nursing, is located on the medical college campus. Requests for bulletins and application blanks should be made to the Director, School of Nursing.

LIBRARY FACILITIES



The College Library is located in the Hospital Building within easy access from the various laboratories and stands as a vital common interest to the laboratory and clinical branches of medical instruction. The reading room, seating ninety, furnishes a most congenial place for students, faculty and staff to work. Most of the 650 current journals received are shelved in this room. The book stacks are directly below on two levels and contain 60,000 bound volumes and 30,000 pamphlets, theses, and unbound journals. This collection is the result of purchases and acquisitions extending over more than half a century, building up complete files of important journals in the fields of clinical medicine and the medical sciences in English and foreign languages as well. Here, the student has access to one of the most complete medical libraries in the midwest which offers abundant opportunities for research and additional reading and study. First year students are given instruction in the use of the library including an introduction to all the important medical reference tools and indexes.

Incident to its ordinary function, the Library maintains a collection of material on history of medicine in Nebraska, graduates of the College, activities of its staff and keeps a complete file of reprints of the writings of staff members. Incorporated within the library of the College of Medicine are 2,000 volumes of the Omaha-Douglas County Medical Society, periodicals and transactions of the Nebraska State Medical Association and several outstanding private medical libraries of former practitioners of the state.

The resources of the University of Nebraska Libraries in Lincoln are available to students and faculty in Omaha, putting an additional 650,000 volumes at their disposal. Through close cooperation with other medical libraries it is possible for the Librarian to secure interlibrary loan material available in other libraries including the John Crerar Library in Chicago and the Army Medical Library at Washington.

SUMMARY OF DEPARTMENTAL HOURS



	Clock Hours	Total Clock Hours
ANATOMY		
310 Gross Anatomy	360	
311 Embryology-Histology	288	
312 Neuro-Anatomy	120	768
BIOCHEMISTRY		
310 Medical Biochemistry	264	
340 Clinical Biochemistry	24	288
DERMATOLOGY		
330 Fundamentals	12	
341 Dispensary	24	36
INTERNAL MEDICINE		
320 History Taking and Physical Diagnosis.....	108	
330 Principles of the Practice of Medicine.....	72	
332 Hospital Clinic	36	
335 Clinical Clerk	168	
336 Metabolic Disorders and Laboratory Tests.....	12	

DEPARTMENTAL HOURS

25

	Clock Hours	Total Clock Hours
340 Hospital Clinic	24	
341 Diagnostic Problems	12	
342 Dispensary	132	
343 Medical Seminar	12	576
MEDICAL JURISPRUDENCE		
340 Medical Jurisprudence	24	24
NEUROLOGY AND PSYCHIATRY		
310 Normal Personality, Growth and Development.....	24	
320 Psychodynamics	12	
321 Psychopathology	12	
322 Interviewing Technique	12	
330 Neurology	12	
331 Psychiatry	24	
335 Clinical Clerk	92	
340 Hospital Clinic	24	
342 Dispensary	42	254
OBSTETRICS AND GYNECOLOGY		
320 Physiology of Pregnancy	16	
330 Physiology and Pathology of Pregnancy	36	
332 Gynecology	36	
335 Clinical Clerk	138	
340 Hospital Clinic	12	
341 Obstetrics and Gynecologic Pathology	12	
342 Dispensary	84	334
OPHTHALMOLOGY		
330 Medical Ophthalmology	12	
Ward Clinic	4	
340 Dispensary	72	88
ORTHOPEDIC SURGERY		
330 Fractures, Dislocations and Sprains	12	
331 Diseases of Bones and Joints	12	
Ward Clinic	16	
340 Dispensary	12	
341 Fractures, Dislocations and Sprains	24	76
OTORHINOLARYNGOLOGY		
330 Diseases of ear, nose, throat and larynx	12	
Ward Clinic	4	
340 Dispensary	18	34
PATHOLOGY AND BACTERIOLOGY		
320 Medical Bacteriology and Clinical Parasitology.....	252	
321 General Pathology	270	
330 Clinical Pathology	120	
332 Clinical Pathology Conference	24	
333 Clinical Pathology Conference	36	
340 Clinico-Pathologic Conference	12	
341 Clinical Pathology Conference	24	738
PEDIATRICS		
320 Growth and Development	16	
330 General Pediatrics Including Infant Nutrition	24	
331 Communicable Diseases	12	
335 Clinical Clerk	102	
340 Hospital Clinic	24	
341 Dispensary	102	280
PHYSIOLOGY AND PHARMACOLOGY		
320 Physiology and Pharmacology General Course.....	216	
321 Physiology and Pharmacology Laboratory Course.....	252	468
PREVENTIVE MEDICINE		
320 Principles of Preventive Medicine	12	
321 Principles of Preventive Medicine	16	
322 Principles of Preventive Medicine	24	
340 Seminar in Preventive Medicine	12	64
RADIOLOGY AND PHYSICAL MEDICINE		
Radiological Anatomy	6	
320 Principles of Radiology	12	
330 Principles of Physical Therapeutics	12	

	<i>Clock</i>	<i>Total Clock</i>
	<i>Hours</i>	<i>Hours</i>
331 Tumor Conference	18	
332 Diagnostic Radiologic Conference	18	
341 Tumor Conference and Clinic	12	
342 Diagnostic Radiologic Conference	12	96
SENIOR HOSPITAL CLERKSHIP	576	576
SENIOR OUTCALL SERVICE	90	90
SURGERY		
330 Fundamentals of Surgery	108	
335 Clinical Clerk	236	
340 Hospital Clinic	24	
342 Dispensary	54	412
UROLOGY		
Ward Clinics	8	
330 Fundamentals of Urology	12	
341 Dispensary	18	38

Courses of Instruction

In the following departments, courses number 310-319 are given in the first medical year; courses numbered 320-329, in the second medical year; courses numbered 330-339, in the third medical year; courses numbered 340-349, in the fourth medical year. Courses numbered 350 carry graduate credit. Roman I indicates courses offered the fall quarter, II, the winter quarter and III, the spring quarter.

Anatomy

Professors Latta, *Chairman*, Holyoke; Associate Professors Elliott, Grodinsky; Assistant Professors R. R. Best, Pederson; Instructors Bach, Chapman, Cochran, Kennedy, Nilsson, Potter, Reynolds; Assistants Burney, Coe, Friel, Rasmussen. Graduate Assistants and Fellows.

In this department instruction is given in gross anatomy, embryology, histology, organology, and neurology. The work of the department extends through the first medical year.

All instruction is based on laboratory work carried out under the supervision of the staff. Lectures covering subjects of broad morphological significance are given before the entire class, but for the discussion of details, in conjunction with laboratory work, the class is subdivided into small groups. Every effort is made to correlate the work in gross and microscopic anatomy. A comprehensive examination covering all phases of anatomy is given at the end of the third quarter.

Anatomy.—

310. **Gross Anatomy** (Total 360 hrs I, II, III)

The course covers dissection of the entire body. This work is carried out in groups of four, each group being assigned a separate room. From time to time table demonstrations and quizzes are required. Through this table teaching the student's proficiency is increased and calibration of individual progress is made possible.

311. **Embryology-Histology** (Total 288 hrs I, II, III)

A brief survey of the fundamental facts of vertebrate development as based on chick, pig, and human embryos is first undertaken. This is followed by a study of the histogenesis of the fundamental tissues leading directly to their adult histological structure. Morphogenesis and histogenesis of the various organ systems of the body, excepting the nervous system which is studied independently, are similarly correlated with their adult histological and gross structure and with the relationships shown in gross anatomy. Special emphasis is placed on the study of the blood and blood-forming organs and the organs classified as endocrine which are studied somewhat independently.

312. **Neuro-Anatomy** (Total 120 hrs III)

Lecture and laboratory

The gross and microscopic anatomy of the nervous system including sense organs. Study is made of the human brain by means of gross dissection; gross and microscopic sections; gross and microscopic study of the eye, and other sense organs by specially prepared demonstrations. Text and lectures aim to integrate the details of lab study into functional systems applicable to later physiological and clinical studies.

350. **General and Special Methods in Histological Technique** (2-5 cr) Mr. Latta, Mr. Elliott, Dr. Holyoke

(Was 2 cr) *Prereq* Anat 310-314

Principles and practice in general methods of preparation of tissue for histological study; special training given in the field of the student's particular interest.

351. **Special Neurohistological and Experimental Neurological Techniques** (2-5 cr) Mr. Elliott, Mr. Latta (was 2 cr)

Prereq Anat 350

Advanced special technical methods of demonstrating the histological structure of nervous tissue and of the experimental approaches to neurological problems.

352. **Techniques of Histochemistry** (2-5 cr) Mr. Latta

Prereq Anat 350

Development of methods for demonstrating various chemical features in tissues of the body.

353. **Morphological and Experimental Hematology** (3-6 cr) Mr. Latta (was Anat. 352)

Prereq Anat 350

Detailed study of the morphology and inter-relationships between the cells of the blood, blood-forming organs and the connective tissues. Experimental studies of the biological significance of the cellular elements of the blood.

- 354. Comparative Human Embryology** (3-6 cr) Mr. Latta, Dr. Holyoke, Dr. Pederson
Prereq Anat 350 (was Anat 353A)
 Special advanced studies of various features of reproduction and development as illustrated in the departmental and embryological collection.
- 355. Experimental Embryology.** (3-6 cr) Dr. Holyoke, Mr. Latta (was Anatomy 353B, 2-5 cr)
Prereq Anat 350
 Advanced study and training in the methods employed in analysis of the factors and potentials operative in mammalian development processes.
- 356. Advanced Human and Comparative Neuroanatomy and Neurohistology** (3-6 cr)
 Mr. Elliott (was Anat 354, 2-5 cr)
Prereq Anat 350
 Advanced detailed study of the structural organization of the central and peripheral nervous system of a man and/or various laboratory animals.
- 357. Morphological Endocrinology** (3-6 cr) Dr. Pederson, Mr. Latta, Dr. Holyoke
Prereq Anat 350
 Advanced study of histological features of the various endocrine glands and morphological effects of endocrine substances on various target organs.
- 358. Biology of Radiation** (3-6 cr) Mr. Latta, Dr. Pederson
Prereq Anat 350
 Morphological alterations induced in the living organism by radioactive substances.
- 359. Thesis Research** (cr arranged) Staff
 Independent investigation of some problem chosen by consultation between student and the staff.
- 360. Seminar** (1 cr per sem) Staff
 By permission
 Presentation of problems and accomplishments of investigations conducted by the graduate students and members of the department with critical discussion.

Biochemistry

Professor Morgulis, *Chairman*, Assistant Professors Beber, Jacobi, Wilder.

The instruction in biochemistry aims to acquaint students with the basic facts of this science in its strictly physiological background and to elucidate medical problems. Stress is laid on training in laboratory technics, but the practical exercises are planned to give students ample opportunity to learn the theory and practice of various biochemical methods.

The instruction offered in the elementary course is further supplemented with more advanced and specialized courses designed to meet the needs of those who have already acquired considerable clinical knowledge as well as of those desiring to extend their study and research in the application of the principles and methods of biochemistry to problems of scientific and clinical medicine.

The courses offered in this department presuppose adequate preparation in inorganic and organic chemistry and are designed: (1) to furnish training in the fundamentals of physiological chemistry of a scope commensurate with the requirements of the regular medical curriculum; (2) to afford students, not candidates for the M.D. degree, the means for obtaining necessary credits for the Degree of M.S. or Ph.D.; (3) to extend the facilities of the laboratory for special work in selected topics independently of the requirements for a degree. All students who are candidates for a degree are expected to attend Course 310, unless the content of this course has been covered in an acceptable manner elsewhere.

310. Medical Biochemistry (Total 264 hrs II, III)

Physiological and pathological problems are discussed from the physico-chemical points of view. In addition to purely descriptive material pertaining to the chemical nature of biological substances, special emphasis is laid on dynamic processes such as enzyme activity, metabolism, biochemical controls, nutrition and vitamins. The laboratory work is illustrative of the problems and methods discussed, and the experiments performed by the students constitute an important and integral part of the educational experience.

340. Clinical Biochemistry (24 hrs) Dr. Beber

This course deals with various problems of biochemical nature and of special clinical significance.

Biological Chemistry, Electives.—

- 350. Metabolism and Nutrition in Health and Disease** (2-5 cr) Morgulis, Staff
Prereq Biochem 310
 An advanced study in metabolism, including theories of basal metabolism, energy changes in the body, interconversions and the specific dynamic action of food-stuffs, methods used in respiratory metabolism and the relationships between overnutrition and undernutrition to diseases of the blood, kidney, and febrile condition and endocrine disorders.
- 351. Vitamins and Hormones** (2-5 cr) Morgulis, Staff
Prereq Biochem 310
 History of vitamin discovery, their physiology and pathology, and their relationship to enzymes, hormones and minerals; followed by a detailed study of the various vitamins in which the following are considered: chemical constitution, isolation, synthesis, properties, occurrence, effects of avitaminosis, hypo-vitaminosis and hypervitaminosis and their clinical significance.
- 352. Enzymes** (2-5 cr) Staff
Prereq 310
 This course deals with the chemical nature of enzymes, the methods for their isolation, the kinetics of enzyme reactions, and the biological properties of enzymes; followed by a discussion of the chemistry of individual enzymes, method of preparation, and physiological action, together with the clinical significance of individual enzymes.
- 353. Seminar** (cr arr) Staff
- 354. Research** (cr arr) Staff

Dermatology and Syphilology

Associate Professor Cameron, *Chairman*; Assistant Professor Wilson; Instructor, Pinne.

A foundation in dermatology and syphilology is laid by lectures, clinics, and demonstrations. At the University Dispensary the students are brought in personal contact with patients whom they observe throughout their entire care under the supervision of the attending physician. A large and carefully selected collection of plates and photographs is available for lantern use.

Dermatology.—

- 330. Fundamentals** (1 hr weekly, total 12 hrs II)
 General classification of skin diseases, with lectures and quizzes on anatomy, histology, physiology, pathology, general symptomatology, etiology, diagnosis and treatment.
- 341. Dispensary** (4 hrs weekly, total 24 hrs ss, I, II, III)
 Two weekly 2-hour clinics are held at the University Dispensary
 Fourth-year students are assigned to these clinics for practical experience in the diagnosis of skin diseases and the treatment of syphilis.

Internal Medicine

Professors Moody, *Chairman*, Dunn, Hall, Niehaus, W. Thompson; Associate Professors Kirk, MacQuiddy, McCarthy, Moser, Simmons, C. Q. Thompson; Assistant Professors Andersen, Beber, G. N. Best, Brazer, Greene, Lehnhoff, Margolin, Rahm, Zimmerman; Associates Bucholz, Cloyd, Frandsen, Hankins, Hull, Joranson, Lewis, Long, Pepper, Wright, Wyrens; Instructors Albertson, Fleishman, Freed, Graham, Heller, Jackson, Korn, Langdon, Lewis, McGee, Morris, Mott, Nickum, Pratt, Root, Stemper, Somberg, G. A. Young, Jr.; Clinical Assistants Fuenning, MacHaffie, Millett, Walvoord.

Internal Medicine.—

- 320. History Taking and Physical Diagnosis** (3 hrs weekly, total 108 hrs I, II, III)
 Instruction in the art of history taking including the various methods of eliciting significant physical complaints and emotional reactions of the patient; explanation and demonstration of the complete physical examination with emphases on inspection, palpation, percussion and auscultation. Special methods of examination are taught by members of other specialty departments. Course taught at the University and Veterans Administration Hospital using patients to demonstrate normal and abnormal physical findings.

- 330. Principles of the Practice of Internal Medicine** (2 hrs weekly, total 72 hrs I, II, III)
Lecture, discussion and quiz of selected topics of internal medicine in small groups of students to acquaint them with the fundamental problems encountered in medical practice.
- 332. Hospital Clinic** (1 hr weekly, total 36 hrs I, II, III)
Presentation of selected patients from the University Hospital to illustrate features of diagnosis, differential diagnosis and treatment and to supplement lectures, demonstrations and reading assignments.
- 335. Clinical Clerk** (total 168 hrs I, II, III)
Small groups of students assigned to the University Hospital for a period of 8 weeks each. Students are assigned patients and required to take a complete history, make a physical examination and perform designated laboratory tests. Students are required to have sufficient knowledge about the patients, so that case presentations may be made by the students at staff ward rounds or at stated clinics.
- 336. Metabolic Disorders and Applied Laboratory Tests** (1 hr weekly, total 12 hrs, III)
Explanation of primary and secondary changes that occur in metabolic diseases as diabetes mellitus, gout, thyroid disease, obesity, undernutrition, diabetes insipidus and other conditions. Food and mineral metabolism with clinical applications reviewed.
- 340. Hospital Clinic** (1 hr weekly, 24 hrs I, II, III)
Presentation of patients from the University Hospital to the senior class. Patients are selected on the basis of special diagnostic problems and important aspects of treatment. A comprehensive review of all aspects of the history, the physical examination, laboratory and special examinations is presented. Special attention is given to the recommended methods of treatment.
- 341. Diagnostic Problems** (1 hr weekly, total 12 hrs II)
Discussion of medical, surgical, and personality features of the more common disease entities in hospital and dispensary patients, the aim being to instruct the student to consider the clinical case from a broader and more comprehensive aspect.
- 342. Dispensary** (18 hrs weekly, total 132 hrs SS, I, II, III)
Regular assignment to dispensary clinic; students given responsibility in diagnosis and treatment of ambulant patients of the type seen in the office.
- 343. Medical Seminar** (1 hr weekly, total 12 hrs II)
Illustrative case presentations and discussion of the diagnosis, differential diagnosis and treatment of the more common disease entities in hospital and dispensary patients.

Internal Medicine Electives.—

- 350. The Physiology of Symptoms** (3 cr) Dr. Moody
An advanced course in applied physiology with special reference to the fundamental basis for symptoms and physical findings encountered in clinical medicine.
- 351. Problems in Metabolism and Endocrinology**
The study of metabolic and endocrine disorders with special reference to the biochemical and physiological background of their genesis and clinical management.
a. **Diabetes Mellitus** (2 cr)
b. **Advanced Endocrinology** (2 cr) Dr. Dunn
c. **Metabolism and Nutrition** (2 cr) Dr. Lehnhoff
- 352. Advanced Gastroenterology and Biliary Diseases** (2 cr) Dr. McCarthy
An advanced clinical course in digestive disorders.
- 353. Advanced Studies of the Cardiovascular-renal System**
a. **Cardiologic Diagnosis and Electrocardiography** (3 cr) Dr. C. Thompson
An advanced study of physical radiologic and electrocardiographic findings in heart disease.
b. **The Management of Heart Disease** (2 cr) Dr. Niehaus
Including the treatment of various cardiac emergencies and the employment of digitalis, its derivatives and allied preparations.
c. **Hypertension, Nephritis and Peripheral Vascular Diseases** (2 cr) Dr. Lehnhoff
An inclusive study of disease of the vascular system, excluding diseases of the heart, but including those concerned with blood coagulation and the clinical employment of anti-coagulant therapy.

354. **Infectious Diseases, Rheumatism, Chemotherapy, and Antibiotics** (2 cr) Dr. Hall, Dr. Simmons
An advanced study of diseases of microbial origin as to etiology, resultant structure changes and treatment thereof.
355. **Seminar in Advanced Allergy and Hematology**
a. **Allergy** (1 cr) Dr. MacQuiddy
An advanced review of sensitization and the diseases arising therefrom.
b. **Hematology** (1 cr) Dr. Pratt
Clinical and lab observations in various anemic states with special reference to advances in therapeutic measures.
356. **Research** (cr arr)

Medical Jurisprudence

Assistant Professor Spier; Instructor Ellick

The course in medical jurisprudence has for its purpose the presentation of medico-legal relationships in order that the student may be familiar with that increasingly pertinent phase of professional life and practice. This course is a comprehensive survey of the medico-legal field and a detailed analysis and study of that science which applies the principles and practice of medicine to the elucidation and settlement of legal questions which arise in everyday professional practice as well as in courts of law.

340. **Medical Jurisprudence** (2 hrs weekly, total 24 hrs II)
Physicians' contracts, general medico-legal relations, identity and survivorship, medical legislation, expert testimony, privileged communications, malpractice, and the physician's status on quasi-judicial commissions and boards are some of the subjects discussed.

Neurology and Psychiatry

Professors R. Young, *Chairman*, Wittson; Associate Professors Aita, Wigton; Assistant Professors Ellingson, Fitzgerald, Gysin, Jones, Lucas; Associates Dickinson, Sandritter, Strough; Instructors Goldner, Gray, Lytton, Steinman, Wilson; Clinical Assistant Ingham.

Training in neurology and psychiatry is planned under its two separate divisions of psychiatry and neurology. The courses of instruction are arranged to give the student, from the freshman year on, progressive, systematic training in the anatomical, physiological, pathological, psychological fundamentals of neurology and psychiatry. The departments of anatomy, physiology and pathology cooperate in giving the first and second-year students special instruction in the anatomy, histology, physiology, and pathology of the central nervous system. Lectures in psychobiology in the freshman year emphasize the importance of personality development in its relation to both normal and abnormal body functioning. The first semester of the sophomore year is devoted to the study of psychodynamics and an introduction into psychosomatic medicine. Lectures in psychopathology, which are based on findings obtained in interviews and psychiatric examinations, are given in the second semester of the sophomore year. The presentation of clinical material with interpretation of symptomatology and instruction in methods of treatment is carried out during the third and fourth years in the University and Douglas County Hospitals.

Neurology and Psychiatry.—

310. **Normal Personality, Growth and Development** (1 hr weekly, total 24 hrs II, III)
Lectures of the normal personality, growth and development. An introduction to the principles of personality development.
320. **Psychodynamics** (1 hr weekly, total 12 hrs I)
Lectures and clinical presentations illustrating the basic mechanism of the dynamics of human behavior. The student is introduced to some of the fundamental mechanisms that are operative in the behavior and reactions of normal persons.
321. **Psychopathology** (1 hr weekly, total 12 hrs II)
Lectures and clinical presentation of patients showing the principles of abnormal behavior. The course serves as an introduction to the student of a means of understanding himself and abnormal reactions encountered in patients. Clinical presentations provide the student with an insight into the personality function of other people and serve as an introduction to psychosomatic medicine.

- 322. Interviewing Technique** (1 hr weekly, total 12 hrs III)
This course is an introduction to history taking and other features of the diagnostic interview.
- 330. Neurology** (1 hr weekly, total 12 hrs I)
Lectures and quiz-lectures covering methods of case history taking, etiology, pathology, symptomatology, and treatment of the organic and functional nervous diseases.
- 331. Psychiatry** (1 hr weekly, total 24 hrs II, III)
Lectures and clinical demonstrations covering the field of psychiatry.
- 335. Clinical Clerk** (23 hrs weekly, total 92 hrs I, II, III)
Cases from the Nebraska Psychiatric Unit at Douglas County Hospital are assigned to third-year students for case study.
- 340. Hospital Clinic** (1 hr weekly, total 24 hrs I, II, III)
Presentation of patients with neurologic and psychiatric disorders to demonstrate the main forms of neurologic and personality disorders. Patients are selected from the University Hospital, Nebraska Psychiatric Unit, Out-Patient Dispensary and Veterans Hospital for presentation. Case discussion includes diagnosis, treatment and the relationship of personality disorders to the field of general medicine.
- 342. Dispensary** (5 hrs weekly, total 42 hrs I, II, III)
Clinics are held at the dispensary to which fourth-year students are assigned for practical work in the diagnosis and treatment of ambulant patients. A special clinic is held on convulsive disorders.

Obstetrics and Gynecology

Professors McGoogan, *Acting Chairman*, Sage; Associate Professors Luikart, Moon; Assistant Professors Anderson, Collins, Findley, Redwick; Associates Cotton, Rumbolz; Instructors Hirst, Morgan, Vroman; Clinical Assistants Kovarik, Olson, W. H. Taylor.

The instruction in obstetrics and gynecology consists largely of practical demonstrations in the University Hospital and the dispensary. In these clinics the student is trained in clinical diagnosis and treatment. The University Hospital affords abundant opportunity for the assignment of obstetric cases to members of the third-year medical class under direction. The prenatal clinic at the dispensary provides an excellent opportunity for both third- and fourth-year students to learn the proper care of the expectant mother. After a didactic review of the principles of obstetrics, the junior student is assigned to serve as assistant to the intern or house officer in the care of a patient during labor. During the fourth year the medical students are assigned to dispensary prenatal clinic and the gynecology clinic.

Obstetrics and Gynecology.—

- 320. Physiology of Pregnancy** (1 hr weekly, total 16 hrs I, II)
Anatomy and physiology of the female genital organs in their relation to normal pregnancy, labor, and the puerperium. Physiology and care of the newborn child.
- 330. Physiology and Pathology of Pregnancy** (1 hr weekly, total 36 hrs I, II, III)
Abnormalities and complications of pregnancy, labor, puerperium, and the newborn child.
- 332. Gynecology** (1 hr weekly, total 36 hrs I, II and III)
Surgical conditions affecting pregnancy and the postpartum period. Lacerations, infections, relaxations, malposition, and tumors affecting the female genital organs.
- 335. Clinical Clerk** (23 hrs weekly, total 138 hrs I, II and III)
A third-year student is assigned to each obstetric and gynecologic case entering the University Hospital and is required to follow the progress of labor and operative procedures, assist at delivery, and maintain a complete record until discharge from the hospital. As a correlation of maneuvers observed on actual cases in the delivery rooms, 2 hrs weekly are used in practice on the manikin.
- 340. Hospital Clinic** (1 hr weekly, total 12 hrs SS, I, III)
This course covers pathological conditions arising from or related to pregnancy and to gynecologic problems.

341. **Obstetric and Gynecologic Pathology** (1 hr weekly, total 12 hrs II)
This course covers the microscopic and gross pathology of the female genitalia. It is a lecture course which is illustrated by slides. A written final examination is given. Offered the didactic quarter of the senior year.
342. **Dispensary** (14 hrs weekly, total 84 hrs SS, I, II, III)
Fourth-year students are assigned to the dispensary prenatal clinic and the gynecology clinic, where they assist in prenatal care and gynecologic examination and treatment.

Obstetrics and Gynecology, Electives.—

350. **Advanced Obstetrics and Gynecology** (4 cr) Staff
Seminars, conferences, lectures and demonstrations designed to familiarize the student with the applications of basic science to the field of obstetrics and gynecology. The student will be required to evaluate the clinical condition of the patient, write records of his findings and recommendations, and outline a program of treatment to be carried out under supervision.
351. **Gynecological Pathology** (2 cr) Staff
An advanced course in gross and microscopic pathology in the field of obstetrics and gynecology, including the physiological variations encountered in the reproductive cycle. A written discussion of all clinical, surgical, and autopsy specimens in the field of obstetrics and gynecology is required.
352. **Anatomy** (3 cr) Dr. Latta, Dr. Holyoke, Staff
Special dissection and study to cover the basic science aspects of anatomy and embryology as applied to obstetrics and gynecology. This work will be special dissections, reading, and histological study of the generative tract.
353. **Gynecological Radiology** (1-3 cr) Dr. Hunt, Staff
Readings, demonstrations, clinics and seminars designed to show the application of radiographic and radio-therapeutic principles and procedures to obstetrics and gynecology. Conducted in conjunction with the department of radiology, this course gives experience in radiographic techniques, the interpretation of films, and the use of X-ray and radium. Independent reports will be required.
354. **Advanced Course in Gynecological Surgery** (3 cr) Staff
Personal conferences, discussions, and demonstration of the principles and technique of gynecological surgery. The nature of the material covered will depend upon the student's aptitude and experience.
355. **Special Problems and Thesis** (cr arr) Staff
The student will select or be assigned special research problems in the basic science fields as applied to obstetrics and gynecology, including lab studies, literature analysis, and clinical evaluation of problems.

Ophthalmology

Professor J. H. Judd, *Chairman*; Associate Professors Gifford, Morrison; Assistant Professors Alliband, Rasgorshek; Associate Steinberg; Instructors Eagle, Filkins, Truhlsen.

Ophthalmology.—

330. **Medical Ophthalmology** (1 hr weekly, total 12 hrs II)
The didactic course consists of demonstrations and lectures on diseases of the eye, including ocular changes in general diseases. The lectures are illustrated by cases, diagrams, charts and slides. The course is supplemented by textbook work and quizzes.
- Ward Clinic** (1 hr weekly, total 4 hrs I, II)
Selected cases of eye pathology are shown to small groups of students illustrating the major types of disease that are encountered in medical practice.
340. **Dispensary** (12 hrs weekly, total 72 hrs SS, I, II, III)
Students are regularly assigned to the dispensary clinic for practical experience in the diagnosis and treatment of eye conditions. This course includes a drill in the principal uses of the ophthalmoscope and other instruments employed in the diagnosis of diseases of the eye.

Orthopedic Surgery

Professor Hamsa, *Chairman*; Associate Professor Johnson; Assistant Professors Campbell, Waters; Associate Bach; Instructors Burney, Smith.

Orthopedic Surgery.—

330. **Fractures, Dislocations and Sprains** (1 hr weekly, total 12 hrs I)
Lectures and clinics on anatomy, pathology and treatment of fractures, dislocations and sprains.

- 331. Diseases of Bones and Joints** (1 hr weekly, total 12 hrs II)
Lecture clinics on disease of bones and joints, synovial membranes and bursae. Congenital, acquired, and disease-producing deformities. Prevention of deformities and dystrophies with principles of treatment. Illustrated by photographs, slides, etc.
Ward Clinic (4 hrs weekly, total 16 hrs I, II, III)
- 340. Dispensary** (3 hrs weekly, total 12 hrs SS, I, II, III)
Two weekly 2-hour clinics are held at the dispensary, to which fourth-year students are assigned for practical work in the diagnosis and treatment of orthopedic cases.
- 341. Fractures, Dislocations and Sprains** (2 hrs weekly, total 24 hrs II)
Lectures, quizzes, and demonstration course on fractures, dislocations and sprains. X-ray diagnosis with application of splints and casts.
- Orthopedic Surgery, Electives.—**
- 350. Research** (1-7 cr) Staff
Work for specially qualified students in special fields of investigation.
- 351. Seminar** (1-4 cr) Staff
Literature reviews and reports of progress of research in special fields of investigation.

Otorhinolaryngology

Professor J. C. Davis, *Chairman*; Assistant Professor Cassidy; Associate Heine; Instructors Carp, J. A. Davis, Klabenes, Lovgren, Placek.

Otorhinolaryngology.—

- 330. Disease of Ear, Nose, Throat and Larynx** (1 hr weekly, total 12 hrs II)
The student is taught the use of headmirror and other instruments for direct inspection and is familiarized with the normal and the common pathological appearances of the drum membrane, the internal nasal structures, the pharynx, and the larynx. Further instruction is given in physiology, general principles of pathology, and the diagnosis and treatment of the more frequent diseases of the ear, nose, throat and larynx.
Ward Clinics (1 hr weekly, total 4 hrs I, II)
Presentation of hospital patients to junior clerks illustrating the major problems encountered in general medical practice.
- 340. Dispensary** (3 hrs weekly, total 18 hrs SS, I, II, III)
Clinics are held once weekly at the University Dispensary. Fourth-year students are regularly assigned for practical work in the diagnosis and treatment of ear, nose, and throat diseases. Conferences are held regularly during these hours.

Pathology and Bacteriology

Professors Gunderson, *Acting Chairman*, Schenken, Tollman; Assistant Professors Coleman, Foster, Gifford, McWhorter; Instructors Flory, Gordon, Hoffman, Kulesh, Kyle, McFadden, Reihart, Simons, Tamisiea; Graduate Assistants.

It is the aim of this department to acquaint the student with the material changes which cause, or are caused, by disease, including, in bacteriology, a study of the character and host relationships of disease-causing microorganisms. The aim of the courses in clinical pathology is to emphasize the application of pathological principles to the study of clinical patients. This is accomplished through lectures which emphasize correlation of pathology and symptomatology, and by the teaching of laboratory methods which are in general use in the study of patients. Detailed discussion of the cases assigned in the clinical clerk services gives particularized application for the individual students.

Pathology and Bacteriology.—

- 320. Medical Bacteriology and Clinical Parasitology** (Total 252 hrs I, II)
Lect and lab course on the cultural characteristics, pathogenic properties, immunological responses, etc., of bacteria, fungi, viruses and Rickettsia in general, with special reference to those of importance in disease. The course also provides a consideration of Clinical Parasitology and deals with Protozoa, Helminths and Arthropods of medical importance.

- 321. General Pathology** (Total 270 hrs II, III)
Lecture and laboratory course on the study of general disease processes. It comprises a study of the general principles of pathology and of disease processes in detail, in classroom and laboratory.
- 330. Clinical Pathology** (2 hrs weekly, total 120 hrs I, II)
Particular attention is given to application and interpretation of laboratory procedures, and especially the choice of tests useful in making a diagnosis and in following the course of disease processes.
- 332. Clinical-Pathology Conference** (2 hrs weekly, total 24 hrs III)
Selected cases are presented jointly by a Clinical Department and the Department of Pathology for discussion of the differential diagnosis, management, and correlation of the clinical findings with the pathology. One conference of each four is devoted to Oncology Clinic which is conducted by Staff interested in Oncology problems and directed through the Department of Radiology.
- 333. Clinical Pathology Conference** (1 hr weekly, total 36 hrs I, II, III)
Selected cases are discussed from the standpoint of correlation of clinical observations with radiological and pathological findings. Whenever possible these cases parallel the lectures given in clinical departments.
- 340. Clinico-Pathologic Conference** (Total 12 hrs II)
Continuation of course 332.
- 341. Clinical Pathology Conference** (Total 24 hrs I, II, III)
Continuation of course 333.

Pathology and Bacteriology, Electives.—

- 350. Physiology of Bacteria** (5 cr) Dr. Gunderson
Prereq Path and Bact 310
Nutritive requirements of bacteria, growth, metabolism, enzymes, dormancy and death. Determinative bacteriology.
- 351. Public Health Bacteriology**
The facilities of the diagnostic lab, with its turnover of at least 5,000 diagnostic tests per annum are available for this course.
- a. **Study of Diagnostic Technics** (5 cr) Dr. Tollman, Dr. Gunderson
Prereq Path and Bact 350
Hospital lab diagnosis
- b. **Immunology** (3 cr) Dr. Tollman, Dr. Gunderson
Prereq Path and Bact 350
Laws of hemolysis, antigen-antibody relationships, blood grouping, anaphylaxis.
- 352. Molds, Yeast, and Actinomycetes** (3 cr) Dr. Gunderson
Prereq Path and Bact 350
A study of fungi of medical importance; their morphological and immunological characteristics. With emphasis on the recognition and diagnosis of those producing mycotic infections in man.
- 353. Filterable Viruses** (3 cr) Dr. Gunderson
Prereq Path and Bact 350
Character, nature and transmission of viruses. Important human virus diseases.
- 354. Applied Bacteriology** (3 cr) Dr. Gunderson
Prereq Path and Bact 350
Bacteriology of sanitation. Food bacteriology.
- 355. Medical Parasitology and Tropical Diseases** (3 cr) Dr. Gunderson
- a. **Diseases Due to Animal Parasites**
Prereq Path and Bact 350
Life cycles. Vectors.
- b. **Diseases of Animals Transmissible to Man**
Prereq Path and Bact 350
Plague, Tularemia, Undulant Fever, Typhus, Spotted Fever, etc.
- 356. Autopsy Pathology** (5 cr) Drs. Schenken, Eggers
Prereq Path 320
In addition to participation in autopsies, the student will study in detail both gross and microscopic tissue changes, and will correlate these with clinical findings.
- 357. Pathology of Tumors**
- a. **An Intensive Course in Oncology, With Special Attention to the Morphology, Derivation, and Course, of Various Tumors** (3 cr) Dr. Eggers, Staff

- Prereq Path 356*
- b. **Studies of Bone Tumors** (2 cr)
Prereq Path and Bact 357a
- c. **Studies of Tumors of the Nervous System** (2 cr)
Prereq Path and Bact 357a
358. **Etiology of Tumors** (1 cr) Dr. Eggers
Prereq Path and Bact 356
This will be a general study of the subject of tumor etiology with special emphasis on the phases represented by the investigative work carried on by the student. In large part this will be carried on by study of the periodical literature.
359. **Seminar** (1 cr) Staff
By permission
360. **Research** (cr arr) Staff

Pediatrics

Professors Jahr, *Chairman*, Henske; Associate Professors Gedgoud, Robertson; Assistant Professors E. W. Bantin, Clark, Morrow, Thomas; Associates C. F. Bantin, Crofoot, Klok, Tompkins; Instructors Hancock, Nilsson, Oberst.

Pediatrics.—

320. **Growth and Development** (1 hr weekly, total 16 hrs II, III)
Disease of newborn. Lectures and clinics.
330. **General Pediatrics Including Infant Nutrition** (1 hr weekly, total 24 hrs I, II)
Infant feeding, deficiency diseases, disorders of metabolism, and diseases by systems.
331. **Communicable Diseases** (1 hr weekly, total 12 hrs III)
Lectures and clinics at Contagious Hospital.
335. **Clinical Clerk** (19 hrs weekly, total 102 hrs I, II)
Students are assigned to University Hospital cases for complete history, physical and lab examinations, with requirement of progress notes and presentation at staff rounds and clinics.
340. **Hospital Clinics** (1 hr weekly, total 24 hrs I and II)
Clinics and lectures on all aspects of pediatrics, utilizing clinical material within the hospital and out-patient departments. Behavior problems.
341. **Dispensary** (9 hrs weekly, total 102 hrs SS, I, II, III)
Five weekly 2-hour clinics are held at the dispensary to which fourth-year students are assigned for practical work in the diagnosis and treatment of ambulant cases. All children enter the dispensary through the pediatric clinics. Special clinics utilizing postnatal cases, and rheumatic heart cases are held each week.

Physiology and Pharmacology

Professors McIntyre, *Chairman*, Bennett; Associate Research Professor Humoller; Assistant Professor A. L. Dunn; Instructors Gregg, Sievers; Graduate Assistants.

The general course in physiology and pharmacology stresses the fundamental principles underlying living processes in health and disease. Courses 320 and 321 provide a basis in the fundamentals of physiology and pharmacology for medical students and for advanced study in this field. Special instruction is provided in advanced physiology and pharmacology for students seeking higher degrees.

Physiology and Pharmacology.—

320. **Physiology and Pharmacology General Course** (lectures, demonstrations, and conferences, total 216 hrs I, II, III)
This course consists of the normal and pathological physiology of muscle, the peripheral and central nervous systems, heart circulation, digestion, metabolism, special senses, autonomic system, the sleep mechanism, the control of body temperature and water and salt balance. The normal and pathological physiology of the kidney, the endocrine system and the effects upon body mechanisms of drugs, hormones and vitamins and the techniques of medication used in the administration of these agents.
321. **Physiology and Pharmacology Laboratory Course** (Total 252 hrs I, II, III)
Practical course in conjunction with Physiology and Pharmacology 320.

Physiology and Pharmacology, Electives.—

- 350. Technique in Experimental Physiology and Pharmacology** (1-6 cr) Dr. McIntyre and Staff
Prereq Physiology and Pharmacology 320-321-322-323
 This course consists of instruction in surgical procedures on mammalia, reptilia, and amphibia and the preparation of organs and tissues *in situ* and *ex situ* for experimental study; instruction in the construction, manipulation and operation of apparatus.
- 351. Special Physiology and Pharmacology**
1. **Advanced Physiology and Pharmacology** (1-6 cr) Bisgard
Prereq Physiology and Pharmacology 350
In Vivo aseptic preparations; instruction in the fundamental techniques of aseptic surgery for the preparation of animals for study, and their postoperative care.
 2. **Advanced Physiology and Pharmacology** (1-3 cr) McIntyre
Prereq Physiology and Pharmacology 350
In Vivo preparations. The preparation of tissues for *in vitro* metabolism studies, perfusion of organs, isolated heart preparations, isolated smooth and striated muscles, myography, electromyography, cardiography, oncometry, and plethysmographic studies.
 3. **Electro-Physiology** (1-3 cr) Bennett, A. L. Dunn
Prereq Physiology and Pharmacology 350
 Preparation of nerve for action-potential studies and other phenoma associated with nerve-activity; the electrostatic volt meter, the cathode ray oscilloscope, direct-current amplification; the modification of nerve-activity by chemical and physical agents.
- 352. Advanced Pharmacology**
1. **Toxicology** (1-6 cr) A. L. Dunn, Humoller
Prereq Physiology and Pharmacology 350
 The recognition of poisons in the body. The quantitative determination of toxic substances in necropsy materials and excreta: Polarographic quantitative determination of metallic ions present in tissues. Qualitative and quantitative tests for alkaloids by polarographic and other methods.
 2. **Bioassay** (1-6 cr) McIntyre, Humoller
Prereq Physiology and Pharmacology 350
 The assay of drugs and hormones and so-called vitamins by biometric methods, including standardization of drugs and biologically active substances.
- 353. Vitamin and Endocrine Studies**
1. **The "Deficient State"** (1-6 cr) Staff
Prereq Physiology and Pharmacology 350
 Animal experiments on diets deficient in accessory food factors; avitaminosis; physico-chemical properties of accessory food factors; isolation and purification of accessory food factors.
 2. **The Endocrine System** (1-6 cr) McIntyre
Prereq Physiology and Pharmacology 350
 Studies in hypo- and hyper-normal hormonal activity; techniques for extirpation of glands of internal secretion.
- 354. Application of Physiology and Pharmacology to Clinical Problems** (1-6 cr) Bennett, McIntyre
Prereq Physiology and Pharmacology 350
 Electrocardiography, electrostethoscopy, metabolic rates. Study of neuro-muscular lesions by physiological methods; application of endocrinology to obstetrics and gynecology and medicine; special use of drugs and their diagnostic and therapeutic use in clinical problems.
- 355. Special Application of Physiology and Pharmacology to Industrial Medicine and Surgery** (1-6 cr) Bennett, Humoller, McIntyre, Sievers
Prereq Physiology and Pharmacology 350
 Physiological principles in shock therapy due to trauma; low pressure, low oxygen tension encountered in high altitude aviation. Physiological effects of high pressure. Caisson disease; noxious gases and toxic industrial poisons.
- 356. Biophysics and Biochemistry of the Cell** (3-10 cr) McIntyre, Humoller and Staff
 This course places special emphasis on the physiology and biochemistry of the anatomical units of the neuro-muscular system, and the effects of drugs, poisons, and physical agents upon their functions and enzyme systems.
- 357. Seminar** (1 cr each semester) Staff
- 358. Research in Physiology and Pharmacology** (cr. arr.)

Preventive Medicine

Associate Professor Loder; Assistant Professors Newman, *Acting Chairman*, Rogers; Instructor B. Kutler.

Instruction in preventive medicine is given to second and fourth year students. These courses aim to give the students an understanding of the principles of disease prevention and health maintenance. Practical experience in the application of these principles is provided in the student health service, the dispensary, and in the family assignments. Special emphasis is placed on the growing responsibility of the physician in maintaining the health of his patients and the health of the public at large.

Preventive Medicine.—

- 320. Principles of Preventive Medicine** (1 hr weekly for 12 weeks; total 12 hrs I)
An introduction to the field of preventive medicine, the organization and operation of local, state and national departments of health, and biostatistics.
- 321. Principles of Preventive Medicine** (1 hr weekly for 8 weeks; 2 hrs weekly for 4 weeks, total 16 hrs, II)
Stresses health education, school health programs, maternal health programs, mental health programs, dental health programs, community health services and medical service plans.
- 322. Principles of Preventive Medicine** (2 hrs weekly for 12 weeks; total 24 hrs III)
Includes tropical disease control, industrial medicine, environmental sanitation and administrative control of communicable diseases with special emphasis on tuberculosis and venereal disease.
- 340. Seminar in Clinical Preventive Medicine** (1 hr weekly for 12 weeks, total 12 hrs I, II, III)
Based upon problems arising in families assigned to third and fourth year medical students and patients seen in the clinics. The importance of emotional, social, environmental, occupational, and economic factors in health and disease and the relation of "the family doctor" to these problems will be stressed. The course will be given in collaboration with the medical, neuro-psychiatric, and other clinical departments.

Radiology and Physical Medicine

Professor Hunt, *Chairman*; Associate Professor Moore; Assistant Professor Pederson; Associate McAvin; Instructors Ellsworth, Fricke; Assistants Gass, Tuma.

The principles of Radiology are presented during the third quarter of the second year. Correlation of radiologic interpretation with clinical manifestations is presented in the third year by means of a weekly conference participated in by clinical clerks, house officers and medical staff.

Application of X-ray, radium and radioisotopes to the treatment of cancer and allied diseases is presented in the third year through lectures and conferences and in the fourth year through tumor conferences and group assignments to the tumor clinics. The tumor conference conducted under the Cancer Education Program is required of all third-year and fourth-year students and is participated in by house officers and staff members from all departments.

Principles of physical medicine are presented by lectures during the third year and by demonstrations to small groups during the fourth year.

Radiological Anatomy (Total 6 hrs)

Taught as a part of Gross Anatomy.

- 320. Principles of Radiology** (1 hr weekly, total 12 hrs III)
- 330. Principles of Physical Therapeutics** (1 hr weekly, total 12 hrs I)
- 331. Tumor Conference** (1 hr weekly, total 18 hrs II, III)
Clinical presentation of selected cases presented jointly by Radiology, Pathology, Medicine, Surgery, Gynecology and other clinical specialties, and participated in by all junior students.
- 332. Diagnostic Radiologic Conference** (1½ hrs weekly, total 18 hrs III)
Is taught by the case method correlating clinical and radiologic findings.
- 341. Tumor Conference and Clinic** (4 hrs monthly, total 12 hrs II)
Continuation of course 331. Required of all senior students. Assignment in groups for case study in tumor clinic.
- 342. Diagnostic Radiologic Conference** (1 hr weekly, total 12 hrs II)
Continuation of course 332.

Radiology and Physical Medicine Electives.—

- 350. Advanced Diagnostic Radiology** (3 to 5 cr) Dr. Hunt, Dr. Moore
Prereq Radiol. 320, 330, 340
 Responsible analyses of the status of the various tissues, organs, regions and systems of the body through correlation of radiographic and fluoroscopic observations with anatomy, physiology and pathology.
- 352. Advanced Therapeutic Radiology** (3 to 5 cr) Dr. Hunt, Dr. Pederson
Prereq Radiol. 320, 330, 340
 Systematic consideration and responsible application of roentgen rays, radium and radioisotopes in the treatment of benign and malignant diseases involving the various organs and regions of the body.
- 353. Seminar** (1 cr each semester) Staff
- 354. Radiological Dosimetry** (2 to 5 cr) Dr. Moore, Dr. Pederson
Prereq Radiol. 320, and consent of department.
 Analysis of factors controlling the intensity, quality, distribution, absorption and effects of radiation in phantoms, barriers and tissues.
- 355. Radiobiology** (2 to 5 cr) Dr. Latta, Dr. Hunt, Dr. Pederson
Prereq Anat. 314, 315, Radiol. 320, 354 (may be concurrent)
 Assigned laboratory projects and reading for analysis of basic biologic effects of radiation on cells, tissues and organisms.
- 356. Medical Instrumentation and Biophysics** (2 to 5 cr) Dr. Dunn, Dr. McIntyre, Dr. Hunt
Prereq Physiol. 320, 321, 322, 323, Radiol. 320, 354
 Assigned laboratory projects, practice and correlated reading referable to special applications of physics in medical instrumentation and biophysical analyses.
- 357. Thesis** (cr arr) Staff

Senior Hospital Clerkship

- 340. Senior Hospital Clerkship** (12 weeks, total 576 hrs I, II)
 Senior clerkships are assigned to each senior student for a period of 8 weeks. Students serve at the Bishop Clarkson Memorial Hospital, Immanuel Deaconess Hospital, Nebraska Methodist Hospital, and the University of Nebraska Hospital under the direction of members of the faculty of the College of Medicine who are also members of the attending staff of the respective hospitals. The pathologist at each hospital is the coordinator of the senior clerkship, and conducts the program. Students are assigned to general medicine, surgery, obstetrics and gynecology. The medical and surgical specialties are included in general medicine and surgery.
- 340. Senior Outcall Service** (6 weeks, total 90 hrs I, II)
 Senior students are assigned to answer Dispensary calls requiring visits to homes when patients are unable to attend the Dispensary. Daily supervision of students is made and home visits are made by attending staff on all difficult or serious cases.

Surgery

Professors H. H. Davis, *Chairman*, R. R. Best, Bisgard, Keegan; Associate Professors Grodinsky, McLaughlin, Finlayson; Assistant Professors Dailey, H. Thompson; Associates Kennedy, Murray, Potter, Bradley; Instructors L. E. Anderson, L. L. Anderson, Cochran, Nilsson, Swenson, Brush, Frank, G. N. Johnson, Raines, Rasmussen, Therien, L. Thompson; Clinical Assistants Brinkman, McMurtrey.

The courses in surgery are planned to give the student a thorough understanding of the principles of surgical pathology, surgical diagnosis, surgical indications and treatment, and do not attempt, in the undergraduate courses, instruction in major surgical operative technic. Minor surgical technic is taught in the clinical clerk service and dispensary, including numerous practical exercises in surgical asepsis. It is intended that the intern service prepare the student to perform such operations as would come to the practitioner as emergencies or in the course of general work. Preparation for the practice of general surgery requires additional postgraduate work as a resident or assistant in surgery.

Surgery.—

- 330. Fundamentals of Surgery** (3 hrs weekly, total 108 hrs I, II, III)
 A series of special lectures, quizzes and clinical demonstrations on important subjects of surgery, supplementary to the text and presentation of selected cases once a week to illustrate lectures and textbook assignments.

- 335. Clinical Clerk** (17-23 hrs weekly, total 236 hrs, I, II, III)
Students are assigned to University Hospital cases for complete history, physical and laboratory examinations with requirement of differential diagnoses, progress notes, clinical-pathological correlation, and final summary. Presentation at staff rounds and clinics and practical experience in anesthesiology and surgical asepsis at operations. Total hours include clerkship in orthopedic surgery and urology.
- 340. Hospital Clinic** (1 hr weekly, total 24 hrs I, II, III)
Presentation of selected cases to illustrate surgical diagnosis, operative indications, and postoperative care.
- 342. Dispensary** (9 hrs weekly, total 54 hrs SS, I, II, III)
Regular assignment to dispensary and outcall where students are given practical experience in the diagnosis of ambulant, home and hospital patients, with practical experience in anesthesia.

Urology

Professor Edwin Davis, Sr.; Associate Professors Lee, *Chairman*, Adams; Instructor Kammandel; Clinical Assistant E. Davis, Jr.

Ward Clinics (1 hr weekly, total 8 hrs I, II)

Students are given ward clinics using patients at the University Hospital to illustrate major disease entities encountered in the medical practice.

330. Fundamentals of Urology (1 hr weekly, total 12 hrs II)

Lect and clinics on diseases of the urogenital system.

341. Dispensary (3 hrs weekly, total 18 hrs SS, I, II, III)

One clinic is held each week to which students are assigned for practical experience in the diagnosis and treatment of urogenital diseases.

Extramural Teaching Program

An extramural teaching program consisting of having each senior student serve a period of twelve weeks with an experienced practitioner of medicine has been established. It affords the student an opportunity to learn much of the art and science of medical practice. Preceptors have been selected by a Preceptorship Committee of the Faculty of the College, and are outstanding leaders in medical practice in the rural communities of Nebraska.

The student is assigned a preceptor and he closely follows his teacher in all of his medical activities, including hospital work, office practice and home calls. Students are allowed to participate in the various aspects of medical practice as they become familiar with the preceptors method of practice, and as the preceptor feels they are capable of handling the work. The various aspects of general practice and community life are made known to the student during his preceptorship.

GRADUATING CLASS OF 1952

Internship Appointments

Aschoff, Carl Richard, B.Sc. in Med., Univ. of Nebr., 1952.....	Cedar Rapids, Iowa St. Luke's Methodist Hospital, Cedar Rapids, Iowa
Beithon, Paul Jule, A.B., Univ. of No. Dakota, 1949.....	Wahpeton, No. Dakota Charles T. Miller Memorial Hospital, St. Paul, Minn.
Bierbower, Robert Leslie, A.B., Univ. of Nebr., 1948.....	Giltner, Nebraska Madigan General Hospital, Army, Ft. Lewis, Wash.
Bordy, Marvin Dean, B.Sc. in Med., Univ. of Nebr., 1950.....	Silver Creek, Nebraska Menorah Hospital, Kansas City, Mo.
Boyd, Zane Rex, B.Sc. in Med., Univ. of Nebr., 1952.....	Ainsworth, Nebraska San Bernardino County Hospital, San Bernardino, Calif.
Bronder, David Dean.....	Omaha, Nebraska Madigan General Hospital, Army, Ft. Lewis, Wash.
Butler, Robert Enos, A.B., Nebraska Wesleyan, 1949.....	Omaha, Nebraska Nebr. Methodist Hospital, Omaha, Nebr.
Carson, John Douglas, A.B., Univ. of Omaha, 1948.....	Omaha, Nebraska St. Joseph's Hospital, Phoenix, Arizona
Claussen, Bruce Frederick, B.Sc. in Med., Univ. of Nebr., 1951.....	North Platte, Nebraska Hermann Hospital, Houston, Texas
Clements, Betty Grace Elizabeth, B.Sc., Univ. of Nebr., 1939.....	Elmwood, Nebraska St. Joseph's Hospital, Phoenix, Arizona
Edelman, David LeRoy, A.B., Univ. of Omaha, 1949.....	Omaha, Nebraska Iowa Lutheran Hospital, Des Moines, Iowa
Faul, Milton Dwight, B.S., Univ. of South Dakota, 1950.....	Gregory, South Dakota Immanuel Hospital, Omaha, Nebr.
Finkner, John Richard, B.Sc. in Med., Univ. of Nebr., 1952.....	Adams, Nebraska Bryan Memorial Hospital, Lincoln, Nebr.
Frans, James Robert, B.Sc. in Med., Univ. of Nebr., 1952.....	Union, Nebraska Univ. of Kansas Medical Center, Kansas City, Kans.
Gentry, Harold Ellis, Jr., B.Sc., Univ. of Denver, 1949.....	Gering, Nebraska Univ. of Nebr. Hospital, Omaha, Nebr.
Graves, Harris Breiner, A.B., Univ. of Nebr., 1948.....	Lincoln, Nebraska Kansas City General No. 1, Kansas City, Mo.
Greene, Earl George, Jr., B.Sc. in Med., Univ. of Nebr., 1952.....	Hedrick, Iowa Charles T. Miller Memorial Hospital, St. Paul, Minn.
Gustavson, Russell Gilbert, B.A., Univ. of Nebr., 1950.....	Lincoln, Nebraska Good Samaritan Hospital, Portland, Ore.
Hachiya, Keay, A.B., Univ. of Nebr., 1951.....	San Francisco, California Highland Alameda County Hospital, Oakland, Calif.
Haslam, George James, B.Sc. in Med., Univ. of Nebr., 1951.....	Fremont, Nebraska Philadelphia General Hospital, Philadelphia, Penn.
Hayes, Orin Robert, B.Sc., Univ. of Nebr., 1949.....	York, Nebraska Lincoln General Hospital, Lincoln, Nebr.
Hineman, Marquis Warren, B.Sc., Pennsylvania State College, 1939.....	Omaha, Nebraska Univ. of Nebr. Hospital, Omaha, Nebr.
Hoffman, Kenneth Clyde, B.Sc. in Med., Univ. of Nebr., 1952.....	Harvard, Nebraska Memorial Hospital of South Bend, South Bend, Indiana
Hoffmeister, George Frederick, A.B., Colorado College, 1948.....	Imperial, Nebraska United States Air Force
Hrnicek, Leo Adrian.....	Omaha, Nebraska Univ. of Nebr. Hospital, Omaha, Nebr.
Hunt, Patricia Alynne, A.B., Goucher College, 1948.....	Omaha, Nebraska The Grace Hospital, Detroit, Michigan
Johnson, Morris Blaine, B.Sc., Univ. of North Dakota, 1949.....	Fargo, North Dakota Charles T. Miller Hospital, St. Paul, Minn.
Johnson, Robert Hugo, B.Sc. in Med., Univ. of Nebr., 1952.....	Norfolk, Nebraska Bronson Memorial Hospital, Kalamazoo, Mich.
Johnson, Robert Warren, B.A., Univ. of Iowa, 1948.....	Omaha, Nebraska Univ. of Oregon Medical School Hospitals, Portland, Ore.
Johnson, Stanley Logsdon, B.Sc., Univ. of Nebr., 1948.....	Friend, Nebraska Highland Alameda County Hospital, Oakland, California
Karas, Benjamin Kieth, B.Sc., Univ. of Nebr., 1950.....	Lincoln, Nebraska Fitzsimons General Hospital, Denver, Colorado

Kellogg, Henry J., A.B., State Teachers College, Peru, Nebr., 1937	Nebraska City, Nebraska
Good Samaritan Hospital, Portland, Ore.	
Kenner, William Clinton, III, B.Sc., Univ. of Nebr., 1949	Nebraska City, Nebraska
Univ. of Kansas Medical Center, Kansas City, Kans.	
King, Philip Sheridan, III, B.A., Univ. of Omaha, 1949	Omaha, Nebraska
Good Samaritan Hospital, Portland, Ore.	
Kolnick, Phillip, A.B., Univ. of Omaha, 1948	Omaha, Nebraska
Memorial Hospital, Phoenix, Arizona	
Lemke, Theodore John, Jr., B.Sc. in Med., Univ. of Nebr., 1952	Madison, Nebraska
Nebr. Methodist Hospital, Omaha, Nebr.	
Long, William Bradford, B.Sc. in Med., Univ. of Nebr., 1952	Franklin, Nebraska
Nebr. Methodist Hospital, Omaha, Nebr.	
Luby, Thomas Harry, A.B., Univ. of South Dakota, 1949	Huron, South Dakota
Kansas City General No. 1, Kansas City, Mo.	
Marvin, Joseph Ernest, B.Sc. in Med., Univ. of Nebr., 1952	Lincoln, Nebraska
Charles T. Miller Hospital, St. Paul, Minn.	
Mason, Roger Dale	Omaha, Nebraska
St. Luke's Hospital, Spokane, Wash.	
May, Georgia Elizabeth, B.Sc. in Med. 1950, A.B. 1946, Univ. of Nebr.	Lincoln, Nebraska
Henry Ford Hospital, Detroit, Mich.	
McIllece, Donald W., A.B., Hastings College, 1948	Bladen, Nebraska
Univ. of Oklahoma Hospital, Norman, Oklahoma	
Medlar, Clyde Avery, B.Sc. in Med., Univ. of Nebr., 1952	Verdon, Nebraska
Hackensack Hospital, Hackensack, New Jersey	
Middleton, Ramona Jean, A.B., Univ. of Nebr., 1949	Lincoln, Nebraska
Nebr. Methodist Hospital, Omaha, Nebr.	
Miller, Warren Robert, A.B., Doane College, 1948	Dorchester, Nebraska
Nebr. Methodist Hospital, Omaha, Nebr.	
Minder, John Gregory, B.Sc. in Med., Univ. of Nebr., 1952	Lincoln, Nebraska
Nebr. Methodist Hospital, Omaha, Nebr.	
Morgan, Donal Harlan, B.Sc., Univ. of Nebr., 1948	McCook, Nebraska
Methodist Hospital, Indianapolis, Indiana	
Morrow, James William, B.Sc. in Med., Univ. of Nebr., 1950	Columbus, Nebraska
University Hospital, Ann Arbor, Mich.	
Muffly, Robert Benton, A.B., Nebr. Wesleyan Univ., 1949	Lincoln, Nebraska
Univ. of Texas Medical Branch Hospitals, Galveston, Texas	
Nathan, Lester John, B.A., Univ. of Omaha, 1950	Omaha, Nebraska
Jewish Hospital of St. Louis, St. Louis, Mo.	
Neely, Patricia Jean, A.B., Univ. of Nebr., 1948	Lincoln, Nebraska
Edward J. Meyer Memorial Hospital, Buffalo, New York	
Nelson, Parry Swan, A.B., Dakota Wesleyan Univ., 1948	Stickney, So. Dakota
Ancker Hospital, St. Paul, Minn.	
Nigro, Salvatore Luciano, B.Sc. in Med., Univ. of Nebr., 1952	Omaha, Nebraska
Univ. of Nebr. Hospital, Omaha, Nebr.	
Otto, Merle Lewis, A.B., Nebr. Wesleyan Univ., 1949	Aurora, Nebraska
Charles T. Miller Hospital, St. Paul, Minn.	
Owens, Wayne Wilson, B.Sc. in Med., Univ. of Nebr., 1952	Lincoln, Nebraska
Queen of Angels Hospital, Los Angeles, Calif.	
Peckler, John Edward, B.S. in Bus. Adm., Univ. of Nebr., 1943	Crete, Nebraska
Sacramento County General Hospital, Sacramento, Calif.	
Phillips, Robert K.	Omaha, Nebraska
Lincoln General Hospital, Lincoln, Nebr.	
Plehn, Robert Vernon, B.Sc. in Med., Univ. of Nebr., 1952	Scottsbluff, Nebraska
Bryan Memorial Hospital, Lincoln, Nebr.	
Price, Ernest Howell, B.Sc., Creighton Univ., 1948	Omaha, Nebraska
Charles T. Miller Hospital, St. Paul, Minn.	
Ralston, Robert Orville, A.B., Univ. of Nebr., 1948	Lincoln, Nebraska
Hermann Hospital, Houston, Texas	
Rath, Hans, A.B., Univ. of Nebr. 1948, M.S. 1952	Peru, Nebraska
Univ. of Illinois Research and Educational Hospitals, Chicago, Ill.	
Reynolds, Dale Crosser, B.Sc. in Med., Univ. of Nebr., 1952	Cozad, Nebraska
Good Samaritan Hospital, Portland, Ore.	
Reynolds, William Edward, B.Sc. in Med., Univ. of Nebr., 1950	Curtis, Nebraska
St. Joseph Mercy Hospital, Sioux City, Iowa	

GRADUATING CLASS OF 1952

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Rice, Jerrold Sidney, B.A., Denver University, 1950.....	Kearney, Nebraska
Univ. of Nebr. Hospital, Omaha, Nebr.	
Rieth, George Raymond, Jr.....	Omaha, Nebraska
St. Mary's Hospital, Huntington, West Virginia	
Rodabaugh, Kenneth Dale, B.A., Univ. of Omaha, 1948.....	Omaha, Nebraska
Madigan General Hospital, Ft. Lewis, Wash.	
Roget, Gordon Boyd, A.B., B.Sc., in Med., Univ. of So. Dakota, 1948, 1950	
.....	Yankton, So. Dakota
Cook County Hospital, Chicago, Ill.	
Scheffel, Alvin Richard, A.B., Dakota Wesleyan, 1948, B.Sc. in Med., Univ. of So. Dakota	
.....	Tyndall, So. Dakota
Sacred Heart Hospital, Yankton, So. Dakota	
Schmunk, Gerhard Traugott, B.A., Univ. of Nebr., 1950.....	Gering, Nebraska
Univ. of Nebr. Hospital, Omaha, Nebr.	
Shors, Clayton Marion, B.S., Univ. of Nebr., 1950.....	Beemer, Nebraska
Detroit Receiving Hospital, Detroit, Mich.	
Shrago, Earl, B.A., Univ. of Omaha, 1949.....	Omaha, Nebraska
Michael Reese Hospital, Chicago, Ill.	
Smith, Robert Nelson, B.S., U.S.M.A., 1943, M.S., Mass. Inst. of Tech., 1945	
.....	Omaha, Nebraska
The Toledo Hospital, Toledo, Ohio	
Stout, Kenneth C., B.Sc. in Med., Univ. of Nebr., 1952.....	Oxford, Nebraska
Mid-State Baptist Hospital, Nashville, Tenn.	
Stroy, Donald Trojan, A.B., Univ. of Iowa, 1948.....	Osceola, Iowa
Univ. of Nebr. Hospital, Omaha, Nebr.	
Sumption, William L., B.Sc. in Med., Univ. of Nebr., 1952.....	Omaha, Nebraska
St. Johns Hospital, Santa Monica, Calif.	
Suttle, Damaris Elisabeth, B.Sc. in Med., Univ. of Nebr., 1952.....	Fremont, Nebraska
Univ. of Nebr. Hospital, Omaha, Nebr.	
Thompson, John Rutherford, B.S., Univ. of Nebr., 1943.....	Lincoln, Nebraska
Lincoln General Hospital, Lincoln, Nebr.	
Volk, Joseph Raymond, Jr., A.B., Hastings College, 1948.....	Aberdeen, So. Dakota
Univ. of Nebr. Hospital, Omaha, Nebr.	
Vose, James LeRoy, B.S., Univ. of Nebr. 1948, M.S. Univ. of Nebr. 1952	
.....	Sargent, Nebraska
Univ. of Nebr. Hospital, Omaha, Nebr.	
Wehrs, Roger Edward, B.S., Univ. of Nebr., 1949.....	Milford, Nebraska
Highland-Alameda County Hospitals, Oakland, Calif.	
Wilson, Leland Blaine, A.B., Univ. of Denver, 1949.....	Denver, Colorado
Southern Pacific General Hospital, San Francisco, Calif.	
Winer, Herbert Jerome, A.B., Univ. of Nebr., 1948.....	Omaha, Nebraska
Univ. of Kansas Medical Center, Kansas City, Kans.	

THE UNIVERSITY OF NEBRASKA

Junior Division

Registers and counsels all freshmen. Conducts the University orientation course and a special testing program for guidance purposes.

College of Agriculture

Leading to the degrees of Bachelor of Science in Agriculture and Bachelor of Science in Home Economics

Supervises Nebraska School of Agriculture at Curtis; Experiment Substations at North Platte, Alliance, Scottsbluff and Fort Robinson; Fruit Farm at Union; Agronomy Farm at Havelock; Nebraska Agricultural Experiment Station; and Agricultural Extension Service.

College of Arts and Sciences

Leading to the degrees of Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Science.

School of Fine Arts

Leading to the degrees of Bachelor of Fine Arts, Bachelor of Music, Bachelor of Fine Arts in Education, Bachelor of Music in Education, Master of Music in the appropriate colleges.

School of Journalism

Leading to the degrees of Bachelor of Arts, Bachelor of Science in Agriculture, Bachelor of Science in Home Economics, Bachelor of Science in Business Administration in the appropriate colleges and to a Certificate in Journalism.

College of Business Administration

Leading to the degree of Bachelor of Science in Business Administration.

College of Dentistry

Leading to the degrees of Doctor of Dental Surgery and Bachelor of Science in Dentistry.

College of Engineering and Architecture

Leading to the degrees of Bachelor of Architecture, Bachelor of Science in Agricultural Engineering, Bachelor of Science in Architectural Engineering, Bachelor of Science in Chemical Engineering, Bachelor of Science in Civil Engineering, Bachelor of Science in Commercial Engineering, Bachelor of Science in Electrical Engineering, Bachelor of Science in Mechanical Engineering, Agricultural Engineer, Chemical Engineer, Civil Engineer, Electrical Engineer, Mechanical Engineer.

Supervises Nebraska Engineering Experiment Station, Lincoln.

Graduate College

Leading to the degrees of Doctor of Philosophy, Master of Arts, Master of Architecture, Master of Education, Master of Music, Master of Science, Master of Science in Dentistry and Master of Social Work.

Graduate School of Social Work

Leading to the degree of Master of Social Work, and to certificate in social work.

College of Law

Leading to the degree of Bachelor of Laws and Bachelor of Science in Law.

College of Medicine

Leading to the degrees of Doctor of Medicine, Bachelor of Science in Medicine, Bachelor of Science in Medical Technology, Bachelor of Science in Nursing, and Graduate Nurse.

School of Nursing

Leading to the degrees of Bachelor of Science in Nursing and Graduate Nurse.

College of Pharmacy

Leading to the degree of Bachelor of Science in Pharmacy.

Teachers College

Leading to the degrees of Bachelor of Science in Education, Bachelor of Arts in Education, Bachelor of Fine Arts in Education, Bachelor of Music in Education. Supervises Teachers College High School, Lincoln.

Summer School

Conservation and Survey Division

University Extension Division

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