Oregon State System of Higher Education

The Oregon State System of Higher Education, as organized in 1932 by the State Board of Higher Education following a Federal survey of higher education in Oregon, includes all the state-supported institutions of higher learning. The several institutions are now elements in an articulated system, parts of an integrated whole. The educational program is so organized as to distribute as widely as possible throughout the state the opportunities for general education and to center on a particular campus specialized, technical, and professional curricula closely related to one another.

The institutions of the State System of Higher Education are the University of Oregon at Eugene, Oregon State College at Corvallis, the Oregon College of Education at Monmouth, the Southern Oregon College of Education at Ashland, and the Eastern Oregon College of Education at La Grande. The University of Oregon Medical School and the University of Oregon Dental School are located in Portland.

Each of the five institutions provides the general studies fundamental to a well-rounded education. At the three colleges of education general and professional studies are combined in the teacher-training curriculum; students who do not plan to become elementary-school teachers may devote their time exclusively to lower-division studies in the liberal arts and sciences or (at Southern Oregon and Eastern Oregon colleges of education) to approved lower-division programs in semiprofessional fields.

At the University and the State College two years of unspecialized work in liberal arts and sciences are provided on a parallel basis in the lower division. Major curricula, both liberal and professional, are grouped on either campus in accordance with the distinctive functions of the respective institutions in the unified State System of Higher Education.
University of Oregon Dental School

Faculty

PAUL C. PACKER, Ph.D., Chancellor, Oregon State System of Higher Education.

HARRY K. NEWBURN, Ph.D., President, University of Oregon.

HAROLD J. NOYES, D.D.S., M.D., Dean of the Dental School; Professor of Dentistry.

TED RUSSELL, M.S., Business Manager and Registrar.


GEORGE E. BATTSON, M.A., Educational Adviser.

THOMAS H. CAHILLAN, M.S. in L.S., Librarian.

HERBERT C. COOPER, D.M.D., Professor Emeritus of Operative Dentistry.

HENRY C. FLINT, Sr., D.M.D., Professor Emeritus of Dentistry.

EVERETT M. HURD, M.D., D.M.D., Professor Emeritus of Prosthetic Dentistry.

JOSEPH A. PETIT, M.D., Professor Emeritus of Dentistry.

ERNST E. STASS, D.M.D., Professor Emeritus of Pathology.

ALFRED P. WATSON, D.M.D., Instructor Emeritus in Chemistry.

JAMES K. ATKINS, Jr., D.D.S., Instructor in Dentistry.

KENNETH M. AUSTIN, D.D.S., Associate Professor of Dentistry.

GEORGE BARKDOLL, Instructor in Dentistry.

WILLIAM BARNUM, D.D.S., Clinical Associate in Dentistry.

JOHN C. BARTLES, D.M.D., Clinical Associate in Dentistry.

ERWIN T. BENDER, D.D.S., Associate Professor of Dentistry; Superintendent of Dental Clinics.

M. MONTE BEETMAN, D.M.D., Clinical Associate in Dentistry.

SAMUEL A. BRANDON, D.D.S., Clinical Associate in Dentistry.

JAMES BURKHART, D.D.S., Assistant Professor of Dentistry.

ALFRED E. BURNS, D.M.D., Instructor in Dentistry.

KATHRYN A. CANTWELL, D.M.D., Assistant Professor of Dentistry; Acting Head of Department of Operative Dentistry.

LORETTA F. CASE, B.S., Instructor in Dental Science.

HELGA CHILD, R.N., Instructor in Dental Science.

LA FRANCE R. CLARK, Instructor in Dentistry.

WILLIAM S. CLIFFORD, D.M.D., Assistant Professor of Dentistry.

RALPH G. COOPER, D.M.D., Clinical Associate in Dentistry.

RUSSELL CULBERTSON, Instructor in Visual Education; Photographer.

RALPH DAPER, D.M.D., Instructor in Dentistry.

RAY DAVIS, D.M.D., Clinical Associate in Dentistry.

State Board of Higher Education

TERM EXPIRES

HERMAN OLIVER, John Day..............................................................1949
R. E. KLEINSORGE, Silverton...........................................................1950
GEORGE F. CHAMBERS, Salem............................................................1951
LEIF S. FINSET, Dallas.................................................................1952
PHIL METSCHAN, Portland...............................................................1953
HENRY F. CABELL, Portland.............................................................1954
EDGAR W. SMITH, Portland..............................................................1955
A. S. GRANT, Baker.............................................................................1956
CHERYL S. MACNAUGHTON, Portland..................................................1957

OFFICERS

EDGAR W. SMITH.................................................................President
R. E. KLEINSORGE.................................................................Vice-President

EXECUTIVE COMMITTEE

EDGAR W. SMITH          LEIF S. FINSET
R. E. KLEINSORGE

PAUL C. PACKER, Chancellor
CHARLES D. BYRNE, Secretary

Office of the State Board of Higher Education
Eugene, Oregon
FACULTY

GACE A. STAHL, D.D.S., Instructor in Dentistry.
HENRY G. STOFFEL, D.D.S., Professor of Dentistry; Head of Department of Orthodontia.
THEODORE SUHNER, D.M.D., Assistant Professor of Dentistry.
WARREN SWANSON, D.M.D., Instructor in Dentistry.
MERRILL G. SWENSON, D.D.S., Professor of Dentistry; Head of Department of Prosthetics.
WALTER A. THOMPSON, D.M.D., Clinical Associate in Dentistry.
JOHN T. VAN BRUGGEN, Ph.D., Associate in Chemistry.
BEN VIDGOFF, M.D., Clinical Associate in Medicine.
C. HERBERT WALTERS, D.M.D., Clinical Associate in Dentistry.
ROBERT L. WALSH, D.D.S., Lieutenant Colonel, Dental Corps; Professor of Military Science and Tactics.
NORTON M. WARY, D.D.S., Assistant Professor of Dentistry.
VINSON WEBER, D.D.S., Assistant Professor of Dentistry.
JOSEPH E. WETMORE, Lecturer in Practice Management.
THOMAS WILLIAMS, D.M.D., Instructor in Dentistry.

Clinics

KENNETH A. CANTWELL, D.M.D., In Charge of Operative Clinic.
HORACE M. MILLER, D.M.D., Head of Extraction Clinic.
HENRY C. FIXOTT, JR., D.M.D., In Charge of Radiology Clinic.
MERRILL G. SWENSON, D.D.S., In Charge of Prosthetic Clinic.
RUBY H. DARBY, Assistant to Clinical Supervisor, Operative Clinic.
NAOMI B. O’NEAL, Technician, Radiology Clinic.
MAURINE R. WATSON, Clerk, Radiology Clinic.
JANE LEE FISHER, Cashier, Operative Clinic.
MARGARET HAACK, Cashier, Operative Clinic.
ALICE JORDAN, Clerk, Operative Clinic.
NANCY GRIFFIN, Clerk, Operative Clinic.
ROBERTA MARRION, Clerk, Operative Clinic.
M. CATHERINE HILLARD, Clerk, Operative Clinic.
ISADORA M. WILLIAMS, Secretary, Prosthetic Clinic.
MARY F. SCHULTZ, Secretary, Orthodontia Clinic.

Administrative and Service Divisions

Administrative Office

HAROLD J. NOYES, D.D.S., M.D., Dean.
TED RUSSELL, M.S., Business Manager and Registrar.
GEORGE E. BATTISON, M.A., Educational Adviser.
VIOLET E. RUNTE, B.B.A., Assistant to the Registrar.
EUGENE WALTER BAUER, Assistant Office Manager.
MARY M. MUIR, Recorder.

TOKIKO KUNITOSHI, Invoice and Payroll Clerk.

DOROTHY M. REESE, Secretary to the Dean.
1948-49 Academic Calendar

Fall Term, 1948-49

September 27-28, Monday, Tuesday........Registration and aptitude testing of first-year students
September 27, Monday (p.m.)........Second-year registration
September 28, Tuesday (p.m.)........Third-year registration
September 29, Wednesday (a.m.)........Fourth-year registration
September 30, Thursday..................Classes begin
November 25-28, Thursday through Sunday........Thanksgiving recess
December 20-22, Monday through Wednesday........Examinations
December 22, Wednesday..................Term ends

Winter Term, 1948-49

January 3, Monday........................Classes begin
March 16-19, Wednesday through Saturday........Examinations
March 19, Saturday........................Term ends

Spring Term, 1948-49

March 28, Monday........................Classes begin
May 30, Monday...........................Memorial day, holiday
June 6-10, Monday through Friday........Fourth-year examinations
June 13-17, Monday through Friday........Underclass examinations
June 16, Thursday..........................Commencement
June 17, Friday............................Term ends
The Dental School Program

No course of instruction can serve as a substitute for intelligence and the will to learn. A well-planned and well-taught curriculum can, however, provide favorable conditions for the most-effective development of the student's native abilities. The content, sequence, and methods of instruction can implement the application of intelligence and encourage the desire to learn. This is the basic educational philosophy on which the course of study of the University of Oregon Dental School has been built.

The four-year undergraduate curriculum is planned as an unbroken, integrated educational experience, combining throughout work in the lecture room, the laboratory, and the clinic. The student comes in contact with patients early in his first year at the Dental School, assisting advanced students in the simpler procedures of clinical practice; the second-year program includes an increasing amount of clinical work. On the other hand, the basic scientific and technical studies, which have been traditionally concentrated in the so-called "preclinical" years, are placed strategically through the four years of the curriculum in close relation to the diagnostic and clinical application of the basic principles learned.

In the third and fourth years, intensive practice of specialized therapeutic technics in the departmental clinics is supplemented by work in the General Clinic, where each student is responsible, under supervision, for the diagnosis and treatment of the entire oral health problem of a patient.

The program of the Dental School includes at present: (1) the undergraduate curriculum for the training of capable practitioners of general dentistry; (2) postgraduate courses to help graduate dentists keep abreast with the new concepts and skills of the progressing science of dentistry. When faculty and facilities permit, the Dental School hopes to develop, in addition, a program of specialized advanced study and research in dentistry, as a part of the program of the Graduate School of the University of Oregon.

History of the Dental School

The University of Oregon Dental School was established through an act of the 1945 Oregon Legislature, which accepted the gift of the property of the North Pacific College of Oregon, located in Portland, and incorporated the college into the Oregon State System of Higher Education as a school of the University.

The North Pacific College of Oregon was the outgrowth of a merger in 1900 of the North Pacific Dental College (founded in 1893 as the Tacoma College of Dental Surgery) and the Oregon College of Dentistry (founded in 1898). The Tacoma school had moved to Portland from Tacoma, Washington in 1899.

In 1908 the scope of the college was expanded to include a curriculum in pharmacy; this was discontinued in 1941. In 1910 the college erected the present home of the Dental School, at Northeast Sixth and Oregon streets. A second unit was completed in 1921. In 1924 a new charter, granted by the state of Oregon, made the institution a public trust, administered by a Board of Trustees.

For many years, the late Dr. Herbert C. Miller, serving variously as president of the Board of Trustees and dean, played a leading role in the growth and development of the college.

Advisory Council

The officers of the Advisory Council are: Dr. J. H. Rossman, chairman; Dr. A. T. Oberg, vice-chairman; Dr. M. Monte Bettman, secretary.

Facilities

The DENTAL SCHOOL is housed in a fireproof building, located on Northeast Sixth Avenue between Oregon and Pacific streets in Portland. The clinics, laboratories, classrooms, offices, etc., occupy 66,554 square feet of floor space. The unusually extensive glass area of the facade provides an abundance of natural light in the clinics and laboratories. Recent large expenditures for instructional equipment have greatly improved the facilities of the school.

Library

The DENTAL SCHOOL Library contains 4,772 volumes in the fields of dentistry, medicine, and allied sciences, and currently receives more than 120 medical and dental periodicals. The books and periodicals are arranged on freely accessible open shelves.

Dental School students also have the privilege of borrowing books from the 43,000-volume collection of the University of Oregon Medical School Library. All of the books in the several libraries of the Oregon State System of Higher Education are available through interlibrary loan.

The Dental School Library provides a reference and lending service for dentists in the Pacific Northwest area. The cost of postage is the only charge for this service.

The Library welcomes gifts from alumni and friends of the Dental School. Gifts of books and back files of periodicals frequently help to fill gaps in the Library's collections.

Admission

There are each year many more applicants than can be admitted to the entering class of the University of Oregon Dental School. In selecting those who are admitted, the Admissions Committee takes into account the following factors, in addition to satisfaction of the minimum entrance requirements:
(1) College grades; (2) the amount of college work completed; (3) personal factors revealed in personal interviews and letters of recommendations; (4) geographical considerations—the Dental School recognizes that its primary obligation is to provide an opportunity for dental education for residents of Oregon and the Pacific Northwest; (5) veteran status; (6) the applicant's affiliations or close association with the dental profession.

In general, applicants who offer only the minimum of college preparation will need, for favorable consideration, somewhat higher grades than those who have completed three or more years of college work.

As an aid in selection, the Admissions Committee may request a personal interview with the applicant. All candidates for admission must be of good moral character and possess good health.

APPLICATION PROCEDURE

Application for admission to the Dental School should be made as soon as possible after November 1 of the year preceding matriculation, and should be addressed to the Admissions Committee, care of the Registrar's Office of the Dental School. The final date for filing application is April 15. The applicant's credentials should include the following:

1. Application on an official form, copies of which will be furnished by the Dental School Registrar.
2. A recent photograph, endorsed on the back with the name of the applicant and date the photograph was taken.
3. An official transcript of all college work completed.
4. A statement of college work in process at the time of application, and of courses the applicant proposes to complete for satisfaction of entrance requirements.
5. A personal letter, addressed to the Admissions Committee, stating in detail the reasons why the applicant has chosen a dental career; the letter should also include any other information which he considers important for a thorough evaluation of his credentials.
6. The credit-evaluation fee of $5.00 (this fee is not refundable).

When an applicant for admission is notified of acceptance, he must make a $25.00 deposit to reserve a place in the entering class; this deposit is applied on first-term fees.

ADMISSION REQUIREMENTS

For admission to the professional curriculum in dentistry, the University of Oregon Dental School requires the completion of a minimum of two academic years (90 term hours, 60 semester hours) of college preparation, with a grade-point average of 2.00 or higher. This college work must include:

1. English Composition—9 term hours.
2. General Chemistry, with laboratory—15 term hours.
3. Organic Chemistry, with laboratory—8 term hours.
4. Biology, with laboratory—12 term hours.
5. Physics, with laboratory—12-15 term hours.

Although this two-year program satisfies the minimum admission requirements of the Dental School, students are strongly advised to devote three years to their predental college education.

In selecting elective subjects to complete their predental college programs, students are advised to choose courses in the social sciences and the humanities and to avoid concentration in the physical and biological sciences. It is highly desirable that the student acquire as broad and liberal an educational background as possible, before entering upon the highly specialized professional work of the Dental School.

FOREIGN STUDENTS

A foreign student submitting credentials in a language other than English should present, with the original credentials, a literal translation signed by a consul of the country where the student's preparatory work was taken, and a full explanation, by the consul, of the educational status of the institution from which the credentials are submitted. Foreign credentials must satisfy not only the specific entrance requirements of the Dental School but also the general admission requirements of the University of Oregon. A foreign student is required to have a sufficient knowledge of the English language to enable him to understand lectures and demonstrations and to read and understand texts prescribed by the Dental School.

TRANSFER STUDENTS

A student transferring from another dental school may be granted advanced standing at the discretion of the Admissions Committee. Evidence of honorable dismissal from the dental school attended must be submitted. A minimum of two years of work in residence at the University of Oregon Dental School is required for eligibility for a degree.

SPECIAL STUDENTS

Any person who, for any reason, is allowed to follow a program of study which differs significantly from the regular curriculum of any classes is classified as a special student. Special students pay the same fees as regular undergraduate students.

Preadental Curriculum

The two-year and three-year predental curricula offered by the University of Oregon at Eugene, which are shown below, may serve as useful guides to students preparing for admission to the Dental School at other institutions:

<table>
<thead>
<tr>
<th>TWO-YEAR CURRICULUM</th>
<th>FIRST YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term hours</td>
<td>F W S</td>
</tr>
<tr>
<td>General Chemistry (Ch 201, 202, 203)</td>
<td>5 5 5</td>
</tr>
<tr>
<td>General Zoology (Bi 201, 202, 203)</td>
<td>4 4 4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4 4 4</td>
</tr>
<tr>
<td>English Composition (Rht 111, 112, 113)</td>
<td>3 3 3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1 1 1</td>
</tr>
<tr>
<td>Military Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>18 18 18</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SECOND YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term hours</td>
</tr>
<tr>
<td>Organic Chemistry (Ch 226, 227)</td>
</tr>
<tr>
<td>Analytical and Theoretical Chemistry (Ch 204)</td>
</tr>
<tr>
<td>General Physics (Ps 201, 202, 203)</td>
</tr>
<tr>
<td>Social Science</td>
</tr>
<tr>
<td>Physical Education</td>
</tr>
<tr>
<td>Military Science</td>
</tr>
<tr>
<td>Elective (Literature or social science)</td>
</tr>
</tbody>
</table>
Scholarship Regulations

The scholarship requirements of the Dental School conform to the general standards of the University of Oregon, and to the requirements of the Council on Dental Education of the American Dental Association.

Grading System

Satisfactory work by students in Dental School courses is graded in accordance with the following system: A, exceptional accomplishment; B, superior; C, average; D, inferior.

Unsatisfactory work may receive the following grades: Incomplete, for work not completed for reasons satisfactory to the instructor; Condition, for work of a borderline quality; F, failure. Faculty regulations governing these grades are:

Incomplete. The student is allowed one term for the satisfactory completion of the work, or its equivalent; an extension of time may be granted in special cases.

Condition. The student is granted the privilege of re-examination or the opportunity to complete special assignments covering his deficiency, or both; in case the student fails in his re-examination, further re-examination is not allowed. D is the highest grade that may be given when a Condition is removed. If not removed within one academic year, a Condition automatically becomes an F.

Failure. To continue toward the completion of his Dental School work, the student must repeat a course in which he has received a grade of F, or complete an acceptable substitute course with a satisfactory grade. Unless special permission for extension of time is granted, the student must comply with this regulation within one academic year.

A student's general scholastic standing is estimated in terms of his "grade-point average" (GPA). Grade points are computed on the basis of 4 points for each term hour of A grade, 3 points for each term hour of B, 2 points for each term hour of C, 1 point for each term hour of D, and 0 points for each term hour of Condition or F. Grades of Incomplete are disregarded in the computation of points. The grade-point average is the quotient of total points divided by total term hours in which grades of A, B, C, D, F, or Condition are received.

Scholarship Requirements

Scholarship regulations are administered through the Scholarship Committee (for didactic subjects) and the Clinic Committee (for clinical subjects). These committees, at the end of each academic year, present reports to the faculty on the academic standing of all students, with recommendations for appropriate action in cases of unsatisfactory scholarship.

To qualify for advancement or graduation, the student is required to maintain a grade-point average of 2.00 or higher for each year's work. For failure to maintain this minimum satisfactory average, the student may be dis-
Fees and Expenses

UNDERGRADUATE students at the Dental School pay uniform regular fees each term during the four years of the professional curriculum. These fees total $116.50 per term for residents of Oregon and $166.50 for nonresidents. Regular fees, special fees, deposits, and other instructional expenses are listed below:

REGULAR FEES

<table>
<thead>
<tr>
<th>Fee</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition, per term</td>
<td>$60.00</td>
</tr>
<tr>
<td>Laboratory and course fee, per term</td>
<td>$40.00</td>
</tr>
<tr>
<td>Incidental fee, per term</td>
<td>$5.50</td>
</tr>
<tr>
<td>Building fee, per term</td>
<td>$5.00</td>
</tr>
<tr>
<td>Nonresident fee, per term</td>
<td>$50.00</td>
</tr>
</tbody>
</table>

SPECIAL FEES

<table>
<thead>
<tr>
<th>Fee</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part-time fee— for students registered for 6 term hours or less, per term hour (minimum, $10.00)</td>
<td>$6.50</td>
</tr>
<tr>
<td>Summer clinic fee (5 weeks)</td>
<td>$16.25</td>
</tr>
<tr>
<td>Auditor's fee, lecture courses, per term hour</td>
<td>$4.00</td>
</tr>
<tr>
<td>Auditor's fee, laboratory courses, per term hour</td>
<td>$6.50</td>
</tr>
<tr>
<td>Matriculation fee— payable at time of first registration (not refundable)</td>
<td>$5.00</td>
</tr>
<tr>
<td>Credit-evaluation fee— payable when transcript of predental credits is submitted</td>
<td>$5.00</td>
</tr>
<tr>
<td>Late-registration fee— paid by students registering on the third day following registration day or later; per day (maximum, $5.00)</td>
<td>$1.00</td>
</tr>
<tr>
<td>Transcript fee— one furnished without cost</td>
<td>$1.00</td>
</tr>
<tr>
<td>Graduation fee— paid by all students obtaining a degree</td>
<td>$15.00</td>
</tr>
</tbody>
</table>

DEPOSITS

<table>
<thead>
<tr>
<th>Fee</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entrance deposit— payable on acceptance of application</td>
<td>$25.00</td>
</tr>
<tr>
<td>General deposit— paid once each year</td>
<td>$10.00</td>
</tr>
<tr>
<td>Auditor's breakage deposit, for laboratory courses</td>
<td>$5.00</td>
</tr>
</tbody>
</table>

REFUND OF FEES AND DEPOSITS

Fee Refunds. Students who withdraw from the Dental School and who have complied with the regulations governing withdrawals are entitled to certain refunds of fees paid, depending on the time of withdrawal. The refund schedule has been established by the State Board of Higher Education, and is on file in the Dental School Business Office. All refunds are subject to the following regulations:

1. Any claim for refund must be made in writing before the close of the term in which the claim originated.
2. Refunds in all cases are calculated from the date of application for refund and not from the date when the student ceased attending classes, except in unusual cases when formal withdrawal has been delayed through causes largely beyond the control of the student.
3. Deposit Refunds. The $10.00 general deposit and the auditor's $5.00 breakage deposit, less any deductions which may have been made, are refunded when the student's enrollment is terminated.
4. The $25.00 entrance deposit, paid by entering students on acceptance of application, applies on first-term tuition. If the applicant does not enter the Dental School, the deposit will be refunded if the Registrar is notified not less than one month before the scheduled registration day.

REGULATIONS GOVERNING NONRESIDENT FEES

The Oregon State Board of Higher Education has defined a nonresident student as a person who comes into Oregon from another state for the purpose of attending one of the institutions under the control of the Board. In order to draw a clear line between resident and nonresident students, the Board has ordered that all students in the institutions under its control who have not been domiciled in Oregon for more than one year immediately preceding the day of their first enrollment in the institution shall be termed nonresident students, with the following exceptions:

1. Students whose father (or mother, if the father is not living) is domiciled in the state of Oregon.
2. Children of regular employees of the Federal government in the state of Oregon.
3. Students in summer sessions.

Residence may not be established through enrollment in an Oregon public or private college or university for one or more years immediately preceding application for admission into the Dental School.

BOOKS, EQUIPMENT, AND SUPPLIES

The estimated cost of books, equipment, and supplies during the four years of the dental curriculum is shown below:

<table>
<thead>
<tr>
<th>Year</th>
<th>Books</th>
<th>Equipment &amp; Supplies</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>$77.00</td>
<td>$358.00</td>
<td>$435.00</td>
</tr>
<tr>
<td>Second</td>
<td>75.00</td>
<td>450.00</td>
<td>525.00</td>
</tr>
<tr>
<td>Third</td>
<td>74.00</td>
<td>460.00</td>
<td>534.00</td>
</tr>
<tr>
<td>Fourth</td>
<td>25.00</td>
<td>130.00</td>
<td>155.00</td>
</tr>
</tbody>
</table>

LIVING EXPENSES

Single rooms may be obtained in Portland for about $20.00 a month; two- and three-room apartments rent for about $60.00 a month; the rate for room and board averages $35.00 a month. The Dental School has no dor-
SCHOLARSHIPS AND LOAN FUNDS

State Scholarships. A limited number of state fee scholarships are awarded annually to superior students who are in need of financial assistance. The scholarships cover tuition and the laboratory and course fee. Recipients must, however, pay the incidental fee, the building fee, and special fees. Applications should be made through the office of the dean of the Dental School not later than March 15.

State Scholarships for Foreign Students. A limited number of state fee scholarships are awarded annually to students from foreign countries attending the institutions of the Oregon State System of Higher Education. These scholarships cover tuition, the nonresident fee, and the laboratory and course fee. Application should be made through the office of the dean of the Dental School not later than March 15.

Herbert C. Miller Emergency Loan Fund. Loans from this fund are available to dental students having a grade-point average of 2.00 or better. Loans are limited to a period of sixty days. Application should be made to the Business Office.

Ben Selling Loan Fund. This fund, a bequest from the late Mr. Ben Selling, is administered through his son, Dr. Lawrence Selling. Applications for loans should be made through the office of the dean of the Dental School.

University of Oregon Loan Funds. The University of Oregon administers student loan funds totaling approximately $175,000. Except in the case of a few funds which are specifically restricted to University students at Eugene, students at the Dental School are eligible for loans from these loan funds on the same basis as students on the campus at Eugene. Regulations governing loans are on file in the Dental School Business Office.

Student Health Service

The Student Health Service provides physical examinations, diagnostic service, and emergency care for Dental School students. The service does not include medical or surgical treatment beyond diagnosis and emergency attention.

Nursing and first aid are provided during school hours by members of the Dental School staff; at other times emergency care is available for students through an arrangement with physicians on the faculty of the University of Oregon Medical School.

All entering freshmen are given a physical examination, including a chest X-ray. All seniors are given a similar examination before graduation. Any student may obtain a free physical examination on application at the Health Service. The school may require a student to take a physical examination at any time.

StUDENT ORGANIZATIONS

Student Organizations

The Associated Students of the University of Oregon Dental School, assisted by a faculty Committee on Student Activities, supervises and directs all student activities, including assemblies, social events, and athletics. All Dental School students are members of the Associated Students.

American Dental Association. On admission to the Dental School, all students become junior members of the American Dental Association. Members of the faculty and outstanding dentists are guest speakers at the monthly meeting of the Dental School chapter. All students receive the Journal of the association.

Honor Society, Omicron Kappa Upsilon, national honorary dental society, maintains a chapter at the Dental School. Members of the graduating class whose scholarship ranks them among the highest 12 per cent of their class, and who are of good moral character and show evidence of professional earnestness, are eligible for membership.

Fraternities. The following dental fraternities maintain chapters at the Dental School: Delta Sigma Delta, Psi Omega, and Xi Psi Phi.

Fraternity activities, rushing, and bidding are coordinated and regulated through the Interfraternity Council, composed of two representatives from each fraternity, and a member of the faculty, who serves in an advisory capacity. Interfraternity Council representatives are responsible for the conduct of all members of their respective fraternities when this conduct affects the Dental School, directly or indirectly. The members of the Council during 1947-48 are: Psi Omega: George J. Collings, Kosta James Killas; Delta Sigma Delta: Wesley P. Munsie, Ewing M. Johnson; Xi Psi Phi: Ben R. Hall, Barney Bybee; faculty adviser: Dr. Harold J. Noyes.

Alumni Association

The University of Oregon Dental School Alumni Association has a membership of over 3,000 dental graduates. The members include graduates of the North Pacific College of Oregon, who were formally accorded the status of University alumni in the act of the 1945 Oregon Legislature which incorporated the college into the State System of Higher Education as a school of the University of Oregon. The association meets annually at the Dental School for a three-day program of scientific papers and clinics.

Caementum, the official alumni periodical, serves to inform the members of the activities of the association and to create a stronger bond of common interest among the alumni. The present editor is Dr. William L. Barnum, '40.

The officers of the Alumni Association for 1947-48 are:

Richard B. Keller, D.M.D., '37
Harry Rider, D.M.D., '21
Jack Gutfrect, D.M.D., '28
Gerald Sistrom, D.M.D., '41
Robert L. Jeffcott, D.M.D., '38
President
First Vice-President
Second Vice-President
Third Vice-President
Secretary-Treasurer

The officers of the Alumni Association for 1947-48 are:
Postgraduate Study

The Dental School's program of postgraduate study is designed to provide, for the graduate dentist, an opportunity to continue his professional education during his years of practice. The program includes:

1. Short refresher courses, and (2) longer sequences of instruction in special phases of dental practice. Short courses are also offered for dental assistants, to improve their efficiency and widen their sphere of useful service to the dentists.

Plans for the development of the postgraduate program call for courses in: (1) standard clinical methods and techniques (refresher); (2) new techniques and procedures; (3) methods of diagnosis; (4) applied basic science; (5) office procedures and practice management; (6) socio-economic aspects of dental practice, including public health and industrial dentistry; (7) techniques and procedures in special fields, such as children's dentistry, periodontia, oral surgery, etc.—with differentiated instruction for the general practitioner and for the specialist; (8) methods, objectives, and techniques of dental pedagogy.

Special facilities for postgraduate study include a fully equipped nine-chair postgraduate clinic, with an adjoining classroom; a laboratory adjacent to the clinic for casting, investing, and other clinical laboratory procedures; and a laboratory for instruction in dental technics. The science laboratories, Library, and other facilities of the school are also available to postgraduate students.

The postgraduate faculty includes regular members of the Dental School faculty, members of the dental profession in the Portland area, and visiting clinical instructors from other areas.

The refresher program will have several phases: (1) Ten-week courses providing 70 hours of instruction in each of several special subjects; each class meets for 7 hours one day a week; a postgraduate student may take one or as many as five subjects during the ten-week period. (2) Two-week courses, meeting 7 hours a day, five days a week for the two-week period. (3) Evening courses given in a series of ten sessions.

The first of the series of longer sequences of postgraduate instruction will be a full-year course in dental care for children; the program will include instruction and clinical experience at the Dental School, hospital intern experience, and field work arranged in cooperation with the Oregon State Department of Public Health.

Information concerning the postgraduate schedule of courses and concerning fees will be provided, on request, by the Registrar of the Dental School.

Child Study Clinic

The Child Study Clinic will be established in the summer of 1948, for the study of the oral health problems of children in relation to the growth, development, and physical health of the whole child. Children registered in the clinic are received for periodic observation, and for the systematic recording of individual physical growth, regional and systemic disturbance, oral health, and dento-facial development. The child's record is documented by physical measurements, roentgenographic records, photographs, oral casts, and detailed information on general and oral health.

Department of Illustration

Through work in the Child Study Clinic, undergraduate and postgraduate students acquire an understanding of the changes that take place in the dentition and face of the growing child, and of the reciprocal relation between systemic disturbance and oral disease.

The facilities of the clinic are available, for consultation, to the general public and to members of the medical and dental professions. Limited dental service, based on the clinic fee schedule of the Dental School, is provided for children from families of low incomes.

Curriculum in Dentistry Leading to the D.M.D. Degree
mental scientific concepts learned during the first two years of the curriculum.

The required work allows sufficient time within the daily schedule for independent study and research and for special practice. Throughout the four-year program, seminars, conferences, and discussion groups are provided within the framework of the required course of study, to insure individual attention to student problems and a close personal relationship between students and faculty.

The summer clinics, which are open to all students, provide an opportunity for supplementary clinical practice and experience under faculty supervision. No credit toward graduation is given for these clinics.

TABLE OF COURSES, TIME, AND CREDIT

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RECAPITULATION

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<td>Fourth year</td>
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Description of Courses

DENTAL ORIENTATION

DO 311. Dental Orientation. 1 hour.
First year. The ideals of the dental profession; its aims, purposes, and public and individual responsibilities. The objectives and methods of the dental curriculum. Introduction to the use of the Library and other Dental School facilities. Lectures, 11 hours. Dr. Phatak, staff, and members of the profession.

DO 312. Technical Composition. 1 hour.
First year. Methods by which dental information is obtained from published sources; evaluation of material; methods of effective expression,
with particular reference to the writing of technical notes, laboratory exercises, examinations, and original compositions. Lectures, 11 hours; lectures supplemented by Journal Club, first and second years, 33 hours. Mr. Batterson.

DO 401. Special Studies. Hours to be arranged.

DO 407. Seminar. Hours to be arranged.

Fourth year. Lectures and informal discussions designed to assist the student in his adjustment to the practice of dentistry, and to direct his attention to professional and civic responsibilities for service. Dr. Noyes.

DO 411. Dental Economics and History. 1 hour.

Fourth year. Lectures to develop critical thinking on contemporary socio-economic trends related to the dental profession, and to develop the ability to evaluate current professional points of view in the light of dental history. 11 hours. Mr. Batterson.

DO 442. Dental Ethics and Jurisprudence. 1 hour.

Fourth year. Intended to develop considered judgment on matters relating to dental ethics, and an attitude of responsibility toward moral obligations incurred by members of the dental profession. Phases of law and jurisprudence related to the practice of dentistry. Lectures, 11 hours.

DO 445. Practice Management. No credit.

Elective. Practical consideration of methods and problems associated with operating and maintaining a dental office; fiscal, personnel, and property management. Lectures, 11 hours. Mr. Denecke.

ANATOMY

Department Head: Dr. Jump.

Professor: ELLIS B. JUMP. Associate: C. HERBERT WALRATH.

Assistant Professor: LOIS DOUGLAS, VINSON WEBER.

Instructor: RALPH HILL, DONALD G. REESE.

An 401. Special Studies. Hours to be arranged.

An 420, 421. General Anatomy. 4, 3 hours.

First year. General anatomy of the trunk and extremities. Conducted by means of lectures, demonstrations, and dissection of the human body. The systemic and functional approach is emphasized, rather than the traditional regional approach. The sequence presents the fundamental facts about the body on which other preclinical and clinical sciences, such as physiology, biochemistry, pathology, and pharmacology, depend. Lectures, 33 hours; laboratory, 132 hours. Drs. Jump, Hill.

An 422. General Anatomy. 2 hours.

First year. Anatomy of the head and neck. Intensive study of the head and neck, from both regional and systemic points of view. Clinical applications stressed. Lectures, 11 hours; laboratory, 33 hours; conferences, 11 hours. Drs. Jump, Hill.

An 423. General Histology. 4 hours.

First year. The structural elements of tissues and organs considered systematically, with special attention to criteria of normality, in preparation for later courses in pathology. Lectures, 22 hours; laboratory, 66 hours. Dr. Jump, Mrs. Douglas.

BACTERIOLOGY

Department Head: Dr. Snyder.

Professor: MARSHALL L. SNYDER. Associate: ROBERT LANDIS.

Instructor: RICHARD EVANS. Assistant: MARGERY CLARE.

Bac 401. Special Studies. Hours to be arranged.

Bac 420. Disease Resistance. 1 hour.

Second year. Fundamental concepts of infection by and resistance to microbial agents of disease, as a basis for understanding pathological principles. Lectures and demonstrations covering the classification of agents of disease, the problems of virulence and invasion, nonspecific and specific defense mechanisms, and hypersensitivity. 11 hours. Dr. Snyder.

Bac 435. Bacteriology. 6 hours.

Third year. The principles of bacteriology, with special attention to diseases associated with the mouth. Utilization of the general principles of bacteriology in clinical practice. Laboratory exercises on: methods of pure culture; morphology, physiology, and serology as a basis for classification; problems of sterilization and disinfection; diagnostic procedures ordinarily used by the dentist in practice; representative pathogenic bacteria. Lectures, 33 hours; laboratory, 66 hours. Drs. Snyder, Landis, Evans.

BIOCHEMISTRY

Associate Professor: HOWARD M. HACKER, Associate: JOHN T. VAN BRUGGEN.

BCh 401. Special Studies. Hours to be arranged.

BCh 414, 415, 416. Biochemistry. 2 hours each term.

First year. Chemical reactions that take place in the regulation of normal body functions, maintenance of general health, and formation of the teeth. Food, its digestion, assimilation, and elimination in health and disease. Vitamins and their relation to growth and health. Quantitative and qualitative blood and urine examinations, calcium determination,
First year. A general study of the hygiene of the oral cavity. The relationship between the bacterial flora of the mouth and oral hygiene. Consideration of patient management, postoperative care, and measures effective in prevention of oral disease. Orientation of the student to clinical practice through application of prophylactic principles in the clinic. Lectures, 11 hours; clinic, 22 hours. Dr. Clifford.

Op 419, 420. Operative Technic. 3, 4 hours.

Op 423. Operative Clinic. 2 hours.
Second year. Simple clinic operative practices. Students serve as assistants to third- and fourth-year clinic students, and observe and apply initial operative principles—chair positions, rubber-dam insertion, cavity examination, filling of no. 1 cavities. Demonstrations, 11 hours; laboratory or clinic, 44 hours. Drs. Cantwell, Wary, Weber, Mueller.

Op 428. Operative Clinic. 1 hour.

Op 430. Clinical Operative Dentistry. 1 hour.
Third year. Brief review of Op 419, 420. Particular attention to carious lesions and to operations for the repair of carious teeth. Lectures and demonstrations, 11 hours. Dr. Cantwell.

Op 432. Caries Prevention. 3 hours.
Third year. Intensive study of the problem of dental caries, with special reference to methods of prevention. Anatomical relations, epidemiology, diagnosis, and therapy. Laboratory study of technics for determining caries susceptibility. Lectures, 11 hours; laboratory, 44 hours. Drs. Snyder, Bender, Everett, Atkins.

Op 433, 434, 435. Operative Clinical Practice. Hours to be arranged.

Op 437. Root Canal Therapy. 2 hours.
Third year. Diseases of dental pulp and periapical tissues; principles of prevention and treatment. Emphasis on the value of preservation of strategic teeth with diseased pulp; methods of preservation of the teeth without detriment to the patient's health. Lectures, 11 hours; laboratory, 22 hours. Drs. Pearn, Evans.

Foreign deposits on the teeth, calculus, plaques and stains, and their removal. Toothbrushes and toothbrushing methods, dentifrices, mouth-washes. Orientation of the student to clinical applications of oral hygiene. Lectures and demonstrations, 11 hours. Dr. Clifford.

First year. A general study of the hygiene of the oral cavity. The relationship between the bacterial flora of the mouth and oral hygiene. Consideration of patient management, postoperative care, and measures effective in prevention of oral disease. Orientation of the student to clinical practice through application of prophylactic principles in the clinic. Lectures, 11 hours; clinic, 22 hours. Dr. Clifford.

GENERAL CLINICAL PRACTICE


CP 443, 444, 445. General Clinical Practice. Hours to be arranged.
Provides clinical experience in the treatment of oral disease. The entire oral health problem of each patient is determined by examination, laboratory aids, and departmental consultation. A treatment program is prepared and, after approval, executed under supervision by the student who has the care of the patient. Treatment and observation of the patient continues to be the responsibility of the student until graduation. General Clinic staff.

CP 443, 444, 445. General Clinical Practice. Hours to be arranged.
For description, see CP 433, 434, 435.

MILITARY SCIENCE AND TACTICS

Professor: Lt. Col. Robert L. Walsh.

Mil 411, 412, 413. Reserve Officers Training (First Year). 1 hour each term.
Mil 421, 422, 423. Reserve Officers Training (Second Year). 1 hour each term.
Mil 431, 432, 433. Reserve Officers Training (Third Year). 1 hour each term.
Mil 441, 442, 443. Reserve Officers Training (Fourth Year). 1 hour each term.

NUTRITION

Associate Professor: Nileman M. Phatak.

Nu 401. Special Studies. Hours to be arranged.

OPERATIVE DENTISTRY

Acting Department Head: Dr. Cantwell.


Op 401. Special Studies. Hours to be arranged.
First year. Principles and methods of mouth hygiene and prophylaxis.
ORAL DIAGNOSIS


Lecturers: Thomas Williams.

OS 401. Special Studies. Hours to be arranged.

OS 430, 431. Oral Diagnosis and Treatment. 1 hour each term.

Third year. Case histories, detailed clinical examination, use of laboratory diagnostic aids. Pain of dental origin; application of applied therapy and therapeutic technics to the treatment of oral disease. Lectures, 22 hours; clinical conferences, 33 hours. Drs. Bender, Noyes, Snyder, Everett, Fixott, Manlove.

OS 432. Clinical Diagnostic Methods. 1 hour.

Third year. Performance of laboratory diagnostic tests. Laboratory, 22 hours. Drs. Snyder, Bender, Manlove, Mrs. Douglas.

OS 443. Diagnostic Clinic. 2 hours.

Fourth year. Application of knowledge gained in OS 430, 431, OS 432 to clinical practice. Drs. Bender, Snyder.

ORAL SURGERY


OS 401. Special Studies. Hours to be arranged.

OS 421. Local Anaesthesia and Exodontia. 1 hour.

Second year. Evaluation of the patient's individual problem; the hazards of anaesthesia; selection of the proper local anaesthetic and instruments; sterile technic in local anaesthesia; technic of tooth removal. Lectures, demonstrations, and clinical practice, 11 hours. Drs. Miller, Brandoe, Burns, Mrs. Child.

OS 430, 431, 432. Oral Surgery. 1, 2, 1 hours.

Third year. Fundamental principles of oral surgery, and the application of these principles to the practice of dentistry. Instruction in the diagnosis of surgical disorders found in the oral cavity and in the treatment of these conditions. Lectures and demonstrations, 33 hours; clinic, 22 hours. Drs. Brandoe, Miller, Davis, Burns, Mrs. Child.

OS 434. Anaesthesia. 1 hour.


OS 440. Clinical Surgery. 1 hour.

Fourth year. A lecture course dealing with procedures in maxillofacial surgery. Lectures, 11 hours.

OS 444. Anaesthesia Clinic. 1 hour.


ORTHODONTIA


Ord 401. Special Studies. Hours to be arranged.

Ord 429, 430. Orthodontia. 3, 2 hours.

Second and third years. Etiology; classification of malocclusions; indications for treatment and for time of initiation of treatment; tissue changes incident to tooth movement; the nature of tooth movement. Nature and mechanism of tooth-moving appliances and orthodontic retention. Prognosis. Laboratory training in technics includes impression taking, model forming, freehand soldering, wire bending, band forming, and construction of simple appliances. Lectures, 22 hours; laboratory, 77 hours; clinic, 11 hours. Drs. Stoffel, Noyes, Cooper, Hill, Rees.

Ord 431. Orthodontia. 1 hour.

Third year. A demonstration course, conducted with groups of between ten and twenty students. Principles developed in Phy 430 and Ord 429, 430 are illustrated; demonstrations of diagnostic methods and appliance therapy in orthodontic treatment and retention. Demonstrations, 11 hours. Physiology and orthodontia staffs.

Ord 432. Orthodontia-Pedodontia Conference. 1 hour.

Third year. Consideration of children's oral health problems from the standpoint of pedodontic and orthodontic concepts, including the physical growth and systemic background of the child. Students present their own patients, with analyses and recommendations, for conference discussion and criticism. Conference groups limited to between ten and twenty students. 11 hours. Orthodontia and pedodontia staffs.

PATHOLOGY

Acting Department Head: Dr. Manlove.


Pth 401. Special Studies. Hours to be arranged.

Pth 420, 421. General Pathology. 4, 2 hours.

Second year. Principles of pathological processes, including tissue injury and repair, inflammation, circulatory disturbances. Degenerative changes, cysts, benign and malignant tumor formation. Tissue, organ, and organ-system response to specific disease processes. The class is divided into sections for autopsy examinations and discussion of necropsy reports. Lectures, 33 hours; conference, 11 hours; laboratory, 99 hours. Drs. Manlove, Landis, Palmrose, Mrs. Douglas.

Pth 423. Oral Pathology. 2 hours.

Second year. Study of general pathological conditions occurring in the mouth, such as inflammation, edema, degenerative changes in the oral tissues. Laboratory work consists of observation and description of gross and microscopic evidence of these processes. Lectures, 11 hours; laboratory, 22 hours. Drs. Everett, Williams.

Pth 434. Oral Pathology. 2 hours.

Third year. Study of specific lesions commonly occurring in the oral tissues. Special consideration of manifestations and characteristics. Cor-
related with Op 432. Lectures, 11 hours; laboratory, 22 hours. Drs. Everett, Williams.

Pth 441. Pathology Conference. 1 hour.
Fourth year. Faculty-student presentation of clinical problems bearing on oral and systemic disease. Discussion and analysis concerning problems of immediate oral treatment; review of principles and processes involved. 11 hours. Drs. Manlove, Everett.

Pth 445. Oral Pathology. 2 hours.
Fourth year. Consideration of serious malignant disease and other morbid conditions less frequently encountered. Lectures, 11 hours; laboratory, 22 hours. Drs. Everett, Williams.

PEFODONTIA
Department Head: Dr. Erwin.
Professors: Dr. Noyes, Henry G. Stoffel. Associates: Dr. Barnum, R. Mott Erwin, Jr., Assistant Professor: Theodore Suher.

Ped 401. Special Studies. Hours to be arranged.

Ped 430. Pedodontia. 2 hours.
Third year. The didactic and technical phases of children's dentistry in general dental practice. Services through the years of childhood and the developmental stages of dentition. Technical procedures performed in the laboratory in preparation for clinical application. Lectures, 11 hours; laboratory, 22 hours. Drs. Erwin, Barnum, Suher.

Ped 441. Pedodontia-Orthodontia Conference. 1 hour.
Fourth year. Continuation of Ord 432. Further consideration of problems in the light of the student's experience with child appraisal and care. As far as possible, patients are chosen from the Child Study Clinic. 11 hours. Drs. Erwin, Noyes, Stoffel.

PERIODONTIA
Department Head: Dr. Erwin.

Per 401. Special Studies. Hours to be arranged.

Per 438, 439, 440. Periodontia. 1 hour each term.
Third and fourth years. Review of the gross and microscopic anatomy, pathology, and physiology of the tissues that support the teeth. Diagnosis of periodontal diseases; etiology, prevention, and treatment of these diseases. Lectures and demonstrations, 33 hours. Dr. Bettman.

Per 441. Periodontia Clinic. 1 hour.

PHARMACOLOGY
Department Head: Dr. Phatak. Associate Professor: Nilkanth M. Phatak. Associate: H. Lawrence Griffith. Instructor: Loretta F. Case.

Phc 401. Special Studies. Hours to be arranged.
Phc 438, 439, 440. Pharmacology. 2 hours each term.
Third and fourth years. History and development of the rational use of drugs in medicine. Posology; factors modifying drug action and mechanisms. Study of systemic effects of drug action on various body functions. Action and use of general and local anaesthesia. Toxicology. Prescription writing. Laboratory work develops a scientific attitude in the handling of pharmacological data and in the appraisal of therapeutic procedures. Lectures, 44 hours; laboratory, 44 hours. Drs. Phatak, Griffith, Mrs. Case.

Phc 445. Dental Materia Medica. 1 hour.
Fourth year. Study of the medicinal substances and pharmaceutical preparations used in dentistry; active principles; nature of action. Lectures, 11 hours. Dr. Griffith.

Phc 446. Applied Therapeutics. 1 hour.
Fourth year. Application of the science of pharmacology and the knowledge of specific medicinal substances to the treatment of specific oral-dental diseases. Lectures, 11 hours. Dr. Griffith.

PHYSIOLOGY
Department Head: Dr. Phatak. Assistant Professor: R. M. Motley. Associate Professor: Nilkanth M. Phatak. Instructor: Loretta F. Case.

Phy 401. Special Studies. Hours to be arranged.
Phy 420, 421, 422. Physiology. 3, 4, 3 hours.
Second year. Fundamental mechanisms governing human body functions. Normal and abnormal deviations of the functions. Detailed study of the circulatory, respiratory, digestive, metabolic, excretory, neuromuscular, and psychic activities of the body. Lectures, 66 hours; laboratory, 132 hours. Dr. Phatak, Mrs. Case.

Phy 430. Growth and Development. 1 hour.
Second year. Growth, development, and function of the structural mechanisms of the human face from birth to senescence. Designed to provide an understanding of oral physiology, and of the coordination and interrelation of facial structure; the clinical significance of this knowledge. Lectures, 11 hours. Dr. Noyes.

Phy 435. Applied Physiology Conference. 1 hour.
Third year. Study of specific principles and concepts from physiology and biochemistry that relate to oral tissues. Consideration of secretions and enzymatic processes of significance in clinical dental problems. 11 hours. Dr. Phatak.

PRINCIPLES OF MEDICINE
Department Head: Dr. Phatak. Assistant Professor: C. J. Hollowsworth, Thomas L. Meador, Ben Vidgoff. Instructor: Loretta F. Case. Assistant: Richard Herd.

Med 401. Special Studies. Hours to be arranged.
Med 439, 440, 441. Principles of Medicine. 1 hour each term.
Third and fourth years. The nature of systemic disease due to infection, degenerative processes, endocrine dyscrasias, allergic and nutritional disorders. Consideration given to pathological entities identified with organs and organ systems. Emphasis on the oral manifestations of systemic disease and on the relation of oral disease to systemic disturbance. Lectures, 33 hours. Drs. Noyes, Vidgoff, Meador, Herd.
Med 443, 444, 445. Hospital Clinics. 1 hour each term.
Fourth year. A series of clinical clerkships utilizing local hospitals and health agencies, where the resident and nonresident staffs provide supervision and instruction in the integration of dental care with other health services; observation of patients at the bedside and in outpatient clinics. Clinic, 33 hours. Dr. Noyes, hospital staffs.

PROSTHESIS
Department Head: Dr. Swenson.
Warren Swanson. Assistants: George E. Gulick, Donald P. Hager.

Pr 401. Special Studies. Hours to be arranged.
Pr 411. Materials. 2 hours.
First year. Physical properties, manipulation, uses, and manufacture of the various materials used in dentistry. Lectures and demonstrations, 11 hours; laboratory, 44 hours. Drs. Austin, Swenson, Krumbein.

Pr 412, 413, 414. Prosthetic Technic and Clinic. 3, 5, 2 hours.
First year. Instruction in the primary principles concerned in rendering complete-denture service. Manipulation of prosthetic materials; technical laboratory procedures in preparation for the application of these technical procedures in the oral cavity. The student works in the clinic during the third term. Lectures, 33 hours; laboratory, 165 hours; clinic, 66 hours. Drs. Austin, Krumbein, Hager, Gulick.

Pr 418. Prosthetic Technic. 3 hours.
First year. Instruction in the primary principles and techniques of partial-denture construction. Lectures, 11 hours; laboratory, 66 hours. Drs. Krumbein, Hager, Gulick.

Pr 420, 421. Prosthetic Technic. 2 hours each term.
Second year. Crown and bridge prosthesis. Laboratory procedures of fixed restorations; project assignments cover the principles of various types of replacements and their relation to biological needs. Lectures, 33 hours; laboratory, 121 hours. Drs. Kuratli, Swenson, Kasmeiyer, Eland.

Pr 424, 425, 426. Prosthetic Clinic. 1 hour each term.

Pr 428. Clinical Prosthesis. 1 hour.
Second year. Theory of clinical prosthesis, providing a background for Pr 424, 425, 426. Lectures, 11 hours. Dr. Swenson.

Pr 430. Clinical Prosthesis. 1 hour.
Third year. Lectures coordinating the theory of crown, bridge, partial-denture, and complete-denture prosthesis with clinical applications in Pr 433, 434, 435. 11 hours. Dr. Swenson.

Pr 433, 434, 435. Prosthetic Clinical Practice. Hours to be arranged.
Third year. The clinical aspects of crown and bridge, partial-denture, and complete-denture prosthesis, and the primary correlation of these phases. Drs. Swenson, Austin, Stahl, Hopkins, Swanson.

PUBLIC HEALTH
Professor: Marshall L. Snyder. Associate: Thomas L. Meador.

PH 401. Special Studies. Hours to be arranged.

PH 440, 441. Public Health. 1 hour each term.
Fourth year. Introduction to public health; principles of preventive medicine. Use of vital statistics. Public health programs in the community. Study of programs in industry, schools, Federal and local governmental agencies. Lectures, 22 hours. Drs. Meador, Snyder.

PH 442. Public Health. 1 hour.
Fourth year. Public health aspects of diseases important to the daily health problems encountered in dental practice, with special reference to the agents causing oral and respiratory infection. Lectures, 11 hours. Dr. Snyder.

RADIOLOGY
Department Head: Dr. Fixott.
Technician: Naomi B. O'Neill.

Rad 401. Special Studies. Hours to be arranged.

Rad 420, 421. Dental Radiology. 1 hour each term.

Rad 435. Dental Radiology Clinic. 1 hour.
Third year. Clinical application of radiodontia. Clinic, 11 hours. Dr. Fixott, Mrs. Saunders.
Enrollment and Degrees, 1946-47

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<th>ENROLLMENT, 1946-47*</th>
<th>Men</th>
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<td><strong>Total degrees and certificates</strong></td>
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* This table shows net enrollment for 1946-47, including the 1946 summer semester which terminated the Dental School's wartime accelerated program.
† D.M.D. degrees awarded include 92 awarded in October 1946 and 38 awarded in March 1947.