

JUNIOR COLLEGE OF CONNECTICUT

Fones School
of
Dental Hygiene



UNIVERSITY OF BRIDGEPORT
BRIDGEPORT, CONNECTICUT

THE FONES SCHOOL OF DENTAL HYGIENE

The Fones School of Dental Hygiene, a division of the Junior College of Connecticut, was organized in 1949 in response to a petition from the Board of Governors of the Connecticut State Dental Association, who were seeking means to relieve the present critical shortage of dental hygienists. It is particularly fitting that such a school should be organized here since Dr. Alfred C. Fones was the world founder of the dental hygiene movement and also co-founder of the Junior College of Connecticut.

DENTAL HYGIENIST AS A CAREER

The Fones School of Dental Hygiene provides a two-year program of theoretical and professional training for dental hygienists. Graduates of this curriculum will be eligible to take various state board examinations which will enable them to practice their profession.

A combination curriculum in the Fones School of Dental Hygiene and the College of Education leading to a Bachelor's degree is available for students who wish to specialize in dental and public health education.

ADMISSION TO DENTAL HYGIENE

The curriculum in Dental Hygiene is open to women only. In addition to the usual conditions of admission as stated on page 30 of the 1949-1950 catalogue of the University of Bridgeport, the applicant for admission to the Fones School of Dental Hygiene is expected to present two units of Mathematics, two units of Social Science, and two units of Science from high school. Applicants are required to take a manual dexterity test and be interviewed by the Director of the School.

In addition to the fees which apply to all students in the University, the Dental Hygiene student needs to plan for an expenditure of approximately \$100 during her first semester to cover the cost of equipment and uniforms.

THE CURRICULUM

This curriculum more than meets the requirements of courses for dental hygienists set up by the Council on Education of the American Dental Association. All courses are required for graduation. While it is possible to do this curriculum in two normal academic years, it is strongly recommended that the academic load of the freshman and sophomore year be reduced by attending the summer session between these two years.

FRESHMAN YEAR

Course	Description	Semester Hours
English 101-102	Composition and Literature	6
Biology 101-102	Health Education	2
Biology 113-114	Anatomy and Physiology	6
Dental Hygiene 101	Elementary Professional Adjustment	1
Dental Hygiene 102	First Aid	1
Dental Hygiene 103-104	Dental Anatomy	4
Dental Hygiene 106	Dental Histology	2
Dental Hygiene 108	Dental Bacteriology	2
Dental Hygiene 109-110	Prophylaxis Technique and Clinic	4
Dental Hygiene 111	Chemistry for Dental Hygienists	3
Dental Hygiene 112	Dental Pathology	2
Physical Education Orientation		33

SOPHOMORE YEAR

English 205-206	Effective Speech	4
Psychology 101-102	General Psychology	6
Sociology 201	Principles of Sociology	3
Dental Hygiene 202	Advanced Professional Adjustment	1
Dental Hygiene 203	Pharmacology and Materia Medica	3
Dental Hygiene 204	Public Health and Dental Health Education	2
Dental Hygiene 205	Radiology	2
Dental Hygiene 206	Nutrition	2
Dental Hygiene 207-208	Dental Prophylaxis	6
Liberal Arts Elective		3
Physical Education		31

Students who plan to attend the summer session should postpone English 101 from the Fall term to the Spring term of the Freshman year, and postpone Dental Hygiene 112 from the Spring term of the Freshman year to the Spring term of the Sophomore year. The summer session should include English 102, Psychology 101-102 and elective.

COURSE DESCRIPTIONS

Dental Hygiene 101—Elementary Professional Adjustment. Introduction of the dental hygienist to her profession, including the characteristics she must accent and the skills she must develop. Her role as a valuable part of the dental profession is here clearly outlined. Course limited to dental hygiene students.

1 class period 1 semester hour

Dental Hygiene 102—First Aid. The standard Red Cross course leading to a First Aid certificate. Special emphasis is placed on first aid as a preventive measure and to the prompt administration of first aid when emergency demands. Course limited to dental hygiene students.

1 two-hour laboratory period 1 semester hour

Dental Hygiene 103-104—Dental Anatomy. A study of the oral cavity, the head and the neck along with the special nomenclature pertinent to this section of anatomy. The growth, structural formation and anatomy of the teeth and supporting structures are considered in the lectures while laboratory periods are devoted to reproduction of tooth forms by carving and drawing, and comparative study of skulls. Course limited to dental hygiene students.

1 class period, 1 two-hour laboratory period 2 semester hours

Dental Hygiene 106—Dental Histology. An introductory study of normal anatomy, its cells, tissues and organs with special reference to the oral cavity and teeth, including the use and care of the microscope, the examination of microscopic slides and drawings of material studied. Course limited to dental hygiene students.

1 class period, 1 three-hour laboratory period 2 semester hours

Dental Hygiene 108—Dental Bacteriology. A study of bacteriology as applied to practice of dental hygiene. This includes classification and differentiation of bacteria found in the oral cavity; the technique of preparing culture media to grow and stain smears taken from the mouth; the agents of sterilization and their effect upon various bacteria and the fundamentals of immunity. Course limited to dental hygiene students.

1 class period, 1 two-hour laboratory period 2 semester hours

Dental Hygiene 109—Prophylaxis Technique and Clinic. The course includes a study of conditions of the mouth relating to oral prophylaxis, the formation and

removal of stains, accretions, and calculus and discussions concerning the relationship of oral health to general systemic conditions. The technique of oral prophylaxis is first taught in the laboratory by demonstration and later practised on manikins. In the latter part of the course the student gains actual experience under direct supervision in the dental clinic. Course limited to dental hygiene students.

1 lecture, 2 two-hour laboratory periods
in the first semester 2 semester hours

Dental Hygiene 110—Prophylaxis Technique and Clinic. A continuation of Dental Hygiene 109 with actual experience under supervision in the dental clinic. Prerequisite: Dental Hygiene 109.

3 three-hour laboratory periods 2 semester hours

Dental Hygiene 111—Chemistry for Dental Hygienists. Certain fundamental concepts, the preparation and properties of the more important elements, and their important concepts, reactions of common ions in the field of inorganic chemistry, and some organic chemistry integrated with physiological chemistry are considered as they relate to the needs of dental hygiene practices.

2 periods and 1 two-hour laboratory period 3 semester hours

Dental Hygiene 112—Dental Pathology. A consideration of the more common diseases affecting the teeth and their supporting structures and serving as an introduction to general pathology through the oral manifestations made by many common diseases affecting the whole body. Kodachrome slides will be used extensively throughout the course. Course limited to dental hygiene students.

2 class periods 2 semester hours

Dental Hygiene 202—Advanced Professional Adjustment. A continuation of the orientation begun in Dental Hygiene 101. A study of the laws governing the practice of dental hygiene and a review of the types of professional work for which the girls may fit themselves. Consideration will be given to the economics and ethics of the profession. Course limited to dental hygiene students.

1 period 1 semester hour

Dental Hygiene 203—Pharmacology and Materia Medica. A study of the derivation and effect of the drugs used in dentistry and most especially prophylaxis technique; the values and uses of germicides, antiseptics, and disinfectants; and an analysis of the formulas of dentifrices and mouth-washes. Familiarity with sources of information about pharmaceuticals is also an integral part of this course. Course limited to dental hygiene students.

2 periods 2 semester hours

Dental Hygiene 204—Public Health and Dental Health Education. Survey of the theory and practice of preventive dentistry and public health with emphasis on the principles and problems of community dental health. Methods and materials used in bringing the correct information before various groups and a survey of sources for this material. The plans and methods used to test dental health and make oral examinations in schools, industry, private practice, and in public health programs. Course limited to dental hygiene students.

2 periods 2 semester hours

Dental Hygiene 205—Radiology. The study, demonstration, and practice of the fundamentals of intra-oral radiographic technique and radiograph processing and interpretation, including a study of elementary electricity and the development of the X-ray. Laboratory practice in the care and operation of X-ray equipment. Course limited to dental hygiene students.

1 period, 1 three-hour laboratory a week 2 semester hours

Dental Hygiene 206—Nutrition. A study of the basic principles of dietetics in relation to general health and disease; how deficiencies may appear orally, and the physiological aspects of dental disease. Comprehension of the material for interpretation in practice.

2 periods 2 semester hours

Dental Hygiene 207-208—Dental Prophylaxis. Clinical and field practice of all the skills and techniques of the hygienist. Assisting in the specialties will be included in the latter part of the course. Course limited to dental hygiene students.

12 laboratory hours 6 semester hours