

# DENTISTRY - ORAL BIOLOGY (DENT)

## DENT 6010 Growth and Development

[0.5 credit hours]

Presentation and discussion of key growth and development concepts related to orthodontic/orthopedic diagnosis and treatment in pediatric dentistry including: Orthodontic Records, Growth and Development of the Face and Dental Arches, Cephalometrics and Facial Esthetics, Orthodontic Diagnosis and Treatment in the Mixed Dentition, Management of the Developing Occlusion, Case Selection.

**Term Offered:** Fall

## DENT 6020 Pharmacology I

[0.5 credit hours]

Advanced pharmacologic principles in decision making for dental pharmacotherapy. Emphasis is on physiological responses to drugs, expected outcomes, adverse reactions, and potential drug interactions.

**Term Offered:** Summer, Fall

## DENT 6030 Dento-Alveolar Trauma I

[0.5 credit hours]

## DENT 6040 Conscious Sedation I

[2 credit hours]

In depth discussion of the principles and objectives of conscious sedation, deep sedation and general anesthesia as behavior management techniques, including indications and contraindications for their use.

**Term Offered:** Summer, Fall

## DENT 6050 Clinical Pediatric Dentistry

[0.5-1 credit hours]

In depth analysis of the scientific principles underlying the contemporary practice of pediatric dentistry, including the prevention of disease, dental anomalies, habits and other problems in occlusal development, and CAN.

**Term Offered:** Spring, Summer, Fall

## DENT 6060 Principles of Behav/Comm Mgmt

[2 credit hours]

Critical analysis of historical behavior management and communication techniques and currently accepted behavior management techniques and utilization of techniques based upon patient age, cognitive development, behavior, medical history, parental concerns, and patient response to management techniques.

**Term Offered:** Summer, Fall

## DENT 6070 Pediatric Dentistry Literature

[0.5 credit hours]

Presentation and discussion of selected articles related to the field of pediatric dentistry and other health related topics.

**Term Offered:** Spring, Summer, Fall

## DENT 6080 Anatomy & Embryology Head/Neck

[1 credit hour]

Lecture and discussion of select topics in gross anatomy and embryology.

**Term Offered:** Spring

## DENT 6090 Concepts - Dental Microbiology

[0.5 credit hours]

## DENT 6100 Pediatric Medicine Lecture

[2 credit hours]

Advanced pharmacologic principles in decision making for dental pharmacotherapy. Emphasis is on physiological responses to drugs, expected outcomes, adverse reactions, and potential drug interactions.

**Term Offered:** Spring, Summer, Fall

## DENT 6110 Oral Health Policies

[2 credit hours]

## DENT 6120 Pharmacology II

[0.5 credit hours]

Advanced pharmacologic principles in decision making for dental pharmacotherapy. Emphasis is on physiological responses to drugs, expected outcomes, adverse reactions, and potential drug interactions.

**Term Offered:** Spring

## DENT 6130 Dento-alveolar Trauma II

[0.5 credit hours]

## DENT 6140 Conscious Sedation II

[2 credit hours]

In depth discussion of the principles and objectives of conscious sedation, deep sedation and general anesthesia as behavior management techniques, including indications and contraindications for their use.

**Term Offered:** Spring, Summer

## DENT 6150 Amer Board of Pediatric Dent RE

[2 credit hours]

## DENT 6160 Special Care Dentistry

[1 credit hour]

In depth discussion of medical and handicapping conditions that require modifications in the delivery of dental services to infants, children and adolescents. Topics to be covered include, but are not limited to: bleeding disorders, cardiovascular disease, complications of chemotherapy and radiation therapy, diabetes, developmental disabilities, hemoglobinopathies, hematopoietic cell transplantation, hematologic malignancies, infectious diseases, neurologic disorders, organ transplantation, respiratory diseases, sensory impairments, solid tumors, common pediatric syndromes.

**Term Offered:** Fall

## DENT 6170 Clinical Pediatric Dent Clinic

[1-10 credit hours]

Observation and participation in the care of patients with preventive, restorative, surgical, orthodontic and prosthetic care within the Dentistry Clinic.

**Term Offered:** Spring, Summer, Fall

## DENT 6200 Oral Pathology

[1 credit hour]

In depth discussion of the epidemiology, pathogenesis, clinical characteristics, diagnostic methods, formulation of differential diagnoses, and management of oral and perioral lesions and anomalies with emphasis on the infant child and adolescent.

**Term Offered:** Spring, Summer