

# PREVENTIVE DENTAL SCIENCE (PDS)

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## **PDS 2410 Pediatric Dentistry- 1 3 cr**

A series of lectures and laboratories to introduce the student to: the fundamental principles of dental growth and development of children, introduction to operative dentistry and preventative techniques commonly used in dentistry for children. May not be held with PDS 2070.

**Mutually Exclusive:** PDS 2070

## **PDS 2420 Dental Public Health 1 cr**

This course introduces students to healthcare concepts from a systems-level viewpoint. Topics include the methods used in Dental Public Health, history and structure of Canadian Medicare, a parallel view of Canadian dental care, social determinants of health, health promotion, measurement methods for dental health and disease, epidemiology of dental disease in Canada, and access to dental care. May not be held with the former PDS 2130.

**Mutually Exclusive:** PDS 2130

## **PDS 2430 Introduction to Orthodontics 1 cr**

This course provides students with an introduction to growth and development, orthodontic records, diagnosis of malocclusion, modalities of treatment using removable appliances, basic biomechanics and simple wire bending. May not be held with the former PDS 1020 or the former PDS 1400 or the former PDS 2020 or the former PDS 2400.

**Mutually Exclusive:** PDS 1020, PDS 1400, PDS 2020, PDS 2400

## **PDS 3402 Orthodontics 3 2 cr**

A series of seminars covering the analysis, diagnosis, treatment planning, and mechanotherapy using records of selected cases. The clinical component consists of the diagnosis and treatment planning for individuals seeking orthodontic treatment. The clinical experience includes exposure to removable and fixed mechanotherapy, screening of patients seeking orthodontic care and follow-up of retention of completed cases. May not be held with PDS 3040.

**Mutually Exclusive:** PDS 3040

## **PDS 3404 Dental Public Health 2 3 cr**

This course uses on-line self-study, classroom discussion, a formal debate, and clinical externships to introduce students to historical and contemporary public health topics. Topics covered include the history of fluoride use to prevent dental caries, the theory and methods for oral disease prevention in populations, the principles and methods for evidence-based practice, and geriatric and sports dentistry. May not be held with the former PDS 3140 or the former PDS 3422.

**Mutually Exclusive:** PDS 3140, PDS 3422

## **PDS 3412 Pediatric Dentistry 2 3 cr**

A series of seminars and clinics to give the student a basic understanding and some clinical experience with: clinical procedures, emergency treatment, psychological management, preventative medical considerations and the provision of total dental care to pediatric patients. May not be held with PDS 3050.

**Mutually Exclusive:** PDS 3050

## **PDS 4402 Orthodontics 4 2 cr**

(Formerly PDS 4060) This course consists of seminars on special topics related to the provision of orthodontic therapy. In addition, the clinical component including the diagnosis and treatment planning for individuals seeking orthodontic treatment as well as the continuation of treatment commenced in PDS 3040. Clinical seminars cover the analysis, diagnosis, treatment planning, mechanotherapy and post-treatment evaluation of previously treated cases. May not be held with PDS 4060.

**Mutually Exclusive:** PDS 4060

## **PDS 4412 Pediatric Dentistry 3 2 cr**

(Formerly PDS 4050) This course consists of clinical experience including exposure to common pediatric dentistry problems, caries preventive and control procedures, routine conservative procedures and the dental treatment of children in community-based clinics. May not be held with PDS 4050.

**Mutually Exclusive:** PDS 4050

## **PDS 4422 Community Dentistry Externship 4 cr**

The clinical portion of the program is centered in community outreach clinics in the City of Winnipeg. The students spend time at a pediatric community clinic, a low income community clinic, and at geriatric clinic. The clinics serve the elderly, children, Indigenous, or patients from low income families. The didactic portion of the program focuses mainly on geriatric dentistry. May not be held with the former PDS 4080. Course evaluated on a pass/fail basis.

**Mutually Exclusive:** PDS 4080