ORTHODONTICS/PEDIATRIC DENTISTRY/SPECIAL CARE (OPSC)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm).

Course Fees
Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (http://louisville.edu/bursar/tuitionfee).

OPSC 800. Growth and Development 1 Unit
Description: This course will introduce the D1 dental student to the anatomical, physiological and psycho-social factors associated with the growth and development of humans. Early human development with emphasis on the oral structures up to the adolescent years. It will also demonstrate the application of this basic information during the treatment of children, adolescents and adult patients in the general practice of dentistry. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OPSC 804. Pediatric Dentistry I 1 Unit
Description: This lecture course presents a brief introduction to the Pediatric Dentistry Clinic designed to give the basic knowledge and clinical skills necessary for management of the simplest and most basic pediatric patient needs. This will include an introduction to the Pediatric Dentistry Clinic and its forms, procedures, treatment planning and case presentation pertinent to dentistry for children, pediatric oral radiology, operative dentistry, preventive techniques and theories, pulp therapy and an overview of what to expect encountering the personality of the child patient. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OPSC 805. Principles of Orthodontics 1 Unit
Description: Covers principles of orthodontic diagnosis and treatment planning. This course is structured to represent the link between orthodontic therapy and clinic utilization. As such, it is directly preparatory to the course in Clinical Orthodontics. An outline of subjects to be covered is in the manual. We will present the basic design and usage of fixed appliance systems as well as the use and construction of removable appliances. A series of mini clinics? is presented in which students are exposed to various aspects of appliance design and use in a clinical setting. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OPSC 806. Pediatric Dentistry II 1 Unit
Description: Lecture course covering the topics included in Pediatric Dentistry I in more depth and also covers space management, oral trauma, pediatric periodontics and oral surgery, and emergency management. This course concludes with case presentations designed to bring together previous course work and solidify preparation for the National Boards. The course overlaps the students? first pediatric dentistry clinical rotation and will give you the opportunity to put this information to good use. Objectives are given for each lecture as an aid in preparing for examinations. There are pre-class reading assignment responsibilities. Each week you will be given a reading assignment that should be read prior to class time. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OPSC 809. Clinical Orthodontics 1-5 Units
Term Typically Offered: Fall Only
Description: As a general dentist, you will need to know how to identify and diagnose orthodontic problems, educate patients on those problems, and perform either appropriate treatment for those problems or appropriate referral to a specialist. The didactic curriculum emphasized these principles of orthodontics, while the clinical orthodontic curriculum is intended to give you hands-on experience evaluating patients and helping with some orthodontic treatment procedures. This course has two primary components: clinical orthodontics and a competency examination. To supplement your didactic education with clinical experience, students participate in a rotation through the graduate orthodontic clinic. Students are required to complete certain learning experiences which will reinforce their knowledge of orthodontic principles and procedures. A review session is available to all students who wish to review the essential principles and concepts of orthodontic diagnosis, treatment planning and treatment.
Note: One and one-half years.

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OPSC 811. Concepts in Special Patient Care 1 Unit
Description: This course will provide the third-year dental student with instruction in basic concepts pertinent to the provision of dental care to several unique, medically-complex patient populations, which may be encountered in contemporary dental practice. A constellation of populations commonly referred to as patients with special needs. Special attention is focused on the adult patient with intellectual and developmental disabilities (IDD). Concepts presented will address special patient care in a variety of clinical settings, including the dental operatory, the intermediate care facility (ICF), the operating room and the psychiatric hospital, and will stress the importance of an interdisciplinary approach to patient-centered care. Satisfactory completion of the course is required before assignment to the special care service rotation in the fourth year. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)
OPSC 813. Clinical Pediatric Dentistry 3 Units
**Description:** The Clinical Pediatric Dentistry course is completed on a block assignment rotation basis. A rotation schedule is provided. On completion of this course a student should feel confident about patient management, diagnosis, treatment plan and comprehensive dental care for the child patient.
For class offerings for a specific term, refer to the Schedule of Classes [here](http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OPSC 815. Preclinical Pediatric Dentistry Lecture and Lab 3 Units
**Description:** Introduces the D2 student to pediatric dentistry to make appropriate treatment decisions and recommendations to patients. Some basic treatment techniques are taught so that you will be prepared, with supervision, to understand and solve patients problems that may be confronted in the clinic. The class periods will usually be divided into a lecture section followed by a laboratory period. The lecture will cover essential principles in pediatric dentistry, and also the theory and technique of the exercise designed to perfect the motor skills of a student before performing procedures in the clinical setting to be covered in the laboratory period.
For class offerings for a specific term, refer to the Schedule of Classes [here](http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OPSC 816. Care of the Pediatric Special Needs Patient 1 Unit
**Grading Basis:** Pass/Fail
**Term Typically Offered:** Spring Only
**Description:** The American Academy of Pediatric Dentistry defines Special Health Care Needs to include any physical, developmental, mental sensory, behavioral, cognitive or emotional impairment of limiting condition that requires medical management, health care intervention, and/or use of specialized services or programs. The condition may be congenital, developmental, or acquired through disease, trauma, or environmental cause. Health care for individuals with special needs requires specialized knowledge acquired by additional training, as well as increased awareness and attention, adaptation, and accommodative measures beyond what are considered routine. The 3rd year dental students receive didactic and clinical instruction.
For class offerings for a specific term, refer to the Schedule of Classes [here](http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OPSC 900. Advanced Education in Orthodontics 9 Units
**Grading Basis:** Pass/Fail
For class offerings for a specific term, refer to the Schedule of Classes [here](http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OPSC 910. Advanced Education in Pediatric Dentistry 9 Units
**Grading Basis:** Pass/Fail
**Description:** Prerequisite: DMD or DDS degree Postgraduate education in Pediatric Dentistry
For class offerings for a specific term, refer to the Schedule of Classes [here](http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)