ORAL HEALTH AND REHABILITATION (OHR)

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).

### OHR 801. Infection Control
1 Unit
**Description:** This course introduces the infection and hazard control procedures necessary for the safe practice of dentistry. Topics include microbiology, practical infection control, sterilization and monitoring, chemical disinfectants, aseptic technique, infectious diseases, CDC Guidelines and OSHA standards. Upon completion, students should be able to understand infectious diseases, disease transmission, infection control procedures, biohazard management, OSHA standards and CDC Guidelines.

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### OHR 805. Endodontics I
3 Units
**Description:** Endodontics is the branch of dentistry concerned with the morphology, physiology, and pathology of the human dental pulp and periradicular tissues. Its study and practice encompass the basic clinical sciences including biology of the normal pulp; the etiology, diagnosis, prevention and treatment of diseases and injuries of the pulp; and associated periradicular conditions. (American Association of Endodontists) This clinical course includes lectures on the biological and clinical aspects of endodontics plus laboratory exercises. The biologic aspect lectures include discussions of pulp and periradicular diseases, diagnostic and treatment procedures, selection of patients, and medications in endodontics. Clinical aspect lectures are devoted to procedures used in preparing and filling root canals, discussion of the materials used, restoration of endodontically treated teeth and clinic orientation. During laboratory exercises, students prepare and fill the root canals on extracted human and prefabricated teeth.

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### OHR 818. D3 Clinical Endodontics
1 Unit
**Term Typically Offered:** Spring Only
**Description:** This didactic course will focus on clinical aspects of diagnosis and treatment in endodontics. The student will develop their knowledge of the morphology, physiology and pathology of the dental pulp and periapical tissues. Students will learn to diagnose and manage or treat: (1) traumatic dental injuries, (2) teeth with immature apices, and (3) endodontic emergencies. Other topics include the management of Cracked Tooth Syndrome, endodontic-periodontic interrelationships, procedural accidents, endodontic retreatment and pain of non-odontogenic origin. Additional instruction will be provided in the use of local anesthetics, antibiotics, and analgesics in endodontic treatment. This course is designed to be a continuation of Endodontics I and will build upon the knowledge obtained in that course.

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### OHR 825. D4 Clinical Endodontics
2 Units
**Term Typically Offered:** Spring Only
**Description:** This didactic course will focus on clinical aspects of diagnosis and treatment in endodontics. The student will develop their knowledge of the morphology, physiology and pathology of the dental pulp and periapical tissues. Students will learn to diagnose and manage or treat: (1) traumatic dental injuries, (2) teeth with immature apices, and (3) endodontic emergencies. Other topics include the management of Cracked Tooth Syndrome, endodontic-periodontic interrelationships, procedural accidents, endodontic retreatment and pain of non-odontogenic origin. Additional instruction will be provided in the use of local anesthetics, antibiotics, and analgesics in endodontic treatment. This course is designed to be a continuation of Endodontics I and will build upon the knowledge obtained in that course.

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### OHR 828. D4 Endodontics Selective
1 Unit
**Grading Basis:** Pass/Fail
**Description:** The discipline of Endodontics is in its evolutionary process and growth as a specialty of Dentistry. The D4 Selective Endodontics course is for those D4 students who have a special interest in endodontics. Over the past ten years, the practice of endodontics has been enhanced by new technology, innovations and evidence-based research.

For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

### OHR 830. Periodontics I
1 Unit
**Description:** This introductory course integrates basic science knowledge into the study of anatomy, physiology and pathology of the tooth supporting tissues.

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OHR 835. Periodontics II  
1 Unit
Description: This course introduces students to the basic concepts necessary in recognizing periodontal health and diagnosing periodontal diseases. Also emphasized are prognosis and treatment planning. Additionally, a consideration of the relationship of Periodontics to various clinical disciplines is presented. Periodontal treatment modalities for treating periodontal disease, rationale, indications, contraindications, objectives and techniques are presented.
For class offerings for a specific term, refer to the Schedule of Classes (htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OHR 838. Periodontal Modular Learning  
2 Units
Description: This is a hands-on course in clinical periodontology. Periodontology is the science and study of the investing and supporting tissues of the teeth and jaws. The dental specialty which limits its treatment to those tissues is Periodontics and the dental specialist performing treatment on these tissues is a Periodontist. This course will consist of seven modules which will address data collection, diagnosis, prognosis, periodontal/preventive treatment planning and referral guidelines, plaque assessment, oral hygiene aids, instrument sharpening, calculus detection, scaling and root planning, ultrasonic instrumentation, treatment of hypersensitive teeth, non-surgical treatment methods and simple suturing techniques. This course will also discuss the psychology of the student doctor/patient relationship.
For class offerings for a specific term, refer to the Schedule of Classes (htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OHR 840. Periodontics III  
1 Unit
Description: The course focuses on diagnosis, and treatment planning. Additionally, indications, contraindications and rationale for periodontal surgery, different surgical treatment techniques, surgical complication, periodontal plastic surgery and implant therapy will be discussed.
For class offerings for a specific term, refer to the Schedule of Classes (htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OHR 852. Clinical Periodontics  
3 Units
Prerequisite(s): Completion of 1st & 2nd year periodontic didactic courses.
Description: Students will demonstrate competency in treating patients with periodontal disease. This includes examination and diagnosis, treatment planning, sealing and root planing, minor surgical procedures and re-evaluation of treatment success s & maintenance therapy.
For class offerings for a specific term, refer to the Schedule of Classes (htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OHR 855. Clinical Preventive Dentistry  
3 Units
Prerequisite(s): Freshman course in Preventive Dentistry.
Description: Students will demonstrate proficiency in treatment planning the preventive needs of the patient, additionally they will demonstrate counseling in oral hygiene, tobacco use intervention and diet. They will demonstrate knowledge of the appropriate use of fluorides and hygiene tools.
For class offerings for a specific term, refer to the Schedule of Classes (htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OHR 856. Advanced Periodontics Elective  
0.5 Units
Grading Basis: Pass/Fail
Description: Aims of the course: 1To enrich didactic and clinical background of a limited number of dental students geared towards a career in Periodontics. 2 Provide clinical hands-on-exposure on fundamental periodontal surgery procedures. 3 Allow students to utilize their experience during the application process for advanced studies in Periodontology.
For class offerings for a specific term, refer to the Schedule of Classes (htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OHR 861. Introduction to Indirect Restorations (Lecture)  
2 Units
Description: With OHR 862, designed to introduce the student to basic crown and fixed partial denture theory, principles and techniques. In addition to the basic laboratory procedures, the lecture series includes clinical application of various procedures in preparation for the clinical experience. Standard types of tooth preparation for anterior, posterior and non-vital teeth are practiced. Study of physical properties of dental materials utilized in construction of fixed partial dentures is included. Emphasis is placed on the restoration of function and the prevention of both initiation and recurrence of dental disease.
For class offerings for a specific term, refer to the Schedule of Classes (htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OHR 862. Introduction to Indirect Restorations (Laboratory)  
3 Units
Description: With OHR 861, designed to introduce the student to basic crown and fixed partial denture theory, principles and techniques. In addition to the basic laboratory procedures, the lecture series includes clinical application of various procedures in preparation for the clinical experience. Standard types of tooth preparation for anterior, posterior and non-vital teeth are practiced. Study of physical properties of dental materials utilized in construction of fixed partial dentures is included. Emphasis is placed on the restoration of function and the prevention of both initiation and recurrence of dental disease.
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OHR 863. Removable Partial Dentures Lecture  
1 Unit
Term Typically Offered: Spring Only
Description: This course will have lectures that will be carried twice a week to cover the basic principles of Removable Partial Denture (RPD) Diagnosis and treatment planning. It will also cover RPD components, classification, biomechanics and design. Additionally, the course is designed to give students complete understanding of all clinical and laboratory steps involved in treatment of patients with RPD which will include understanding of all instrumentarium and the necessary skills needed to perform clinical and laboratory steps.
For class offerings for a specific term, refer to the Schedule of Classes (htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)
OHR 864. Removable Partial Dentures Lab 2.5 Units
Description: Seminars and laboratory supervision are offered so the student will learn how to apply those principles and techniques presented concurrently in the lecture series. Laboratory projects are assigned to prepare the student to make diagnostic impressions, construct custom trays, fabricate record bases and occlusion rims, and mount a case for diagnosis. Casts of clinic patients are issued for survey and design activities. Critical thinking practical exams are given on these activities. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OHR 865. Preclinical Fixed Prosthodontics Lecture 1 Unit
Description: Designed to introduce the student to basic crown and fixed partial denture theory, principles, and techniques. In addition to the basic laboratory procedures, the lecture series includes clinical application of various procedures in preparation for the clinic experience. Standard types of tooth preparation for anterior, posterior and non-vital teeth are practiced. Study of physical properties of materials utilized in construction of fixed partial dentures is included. Emphasis is placed on the restoration of function and the prevention of both initiation and recurrence of dental disease
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OHR 866. Preclinical Fixed Prosthodontics Lab 4 Units
Description: Designed to introduce the student to basic crown and fixed partial denture theory, principles, and techniques. In addition to the basic laboratory procedures, the lecture series includes clinical application of various procedures in preparation for the clinic experience. Standard types of tooth preparation for anterior, posterior and non-vital teeth are practiced. Study of physical properties of materials utilized in construction of fixed partial dentures is included. Emphasis is placed on the restoration of function and the prevention of both initiation and recurrence of dental disease
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OHR 867. Preclinical Complete Denture Lecture 1 Unit
Description: This course is designed to provide instruction regarding complete denture prosthodontic procedures and aims to provide the student with fundamental concepts and the "how to" of procedures as related to the fabrication of the complete dentures. Concepts of complete dentures are reviewed and then applied to the fabrication of complete dentures in the preclinical lab course. The knowledge and skills developed in this course and the correlating lab course will be the basis for treatment of completely edentulous patients in the clinic.
Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

OHR 868. Preclinical Complete Denture Laboratory 1.5 Units
Term Typically Offered: Fall Only
Description: Introduction to the laboratory and clinical aspects of complete denture procedures are taught. The laboratory course will apply the concepts taught in the companion lecture course and is designed to teach the student the techniques used in the fabrication of complete dentures. The students will learn the laboratory techniques involved in the construction of maxillary and mandibular complete dentures on an edentulous dentoform patient.
Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

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OHR 870. Introduction to Implant Dentistry 1 Unit
Term Typically Offered: Fall Only
Description: This course introduces the dental student to current concepts in the surgical and restorative aspects of implant dentistry. The student will become familiar with various aspects of the discipline, including a basic history of implants in dentistry, implant and restoration types, components and terminology, diagnosis and treatment planning.
Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

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OHR 881. Implant Dentistry 1 Unit
Term Typically Offered: Fall Only
Prerequisite(s): OHR 870.
Description: This course introduces the dental student to current concepts in the surgical and restorative aspects of implant dentistry. The student will become familiar with various aspects of the discipline, including a basic history of implants in dentistry, implant and restoration types, components and terminology, diagnosis and treatment planning, surgical placement and adjunctive surgeries, restoration, maintenance, and complications of dental implant therapy.
For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OHR 885. Complete Dentures I Lecture 1 Unit
Term Typically Offered: Fall Only
Description: This is a lecture course on the clinical aspects of complete dentures. Techniques for diagnosis, impression techniques, obtaining records, selecting teeth, occlusal schemes, patient try-in, delivery, and adjustments are discussed prior to the patient appointment.
For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)
OHR 886. Clinical Complete Dentures I
Term Typically Offered: Spring Only
Description: This course provides instruction regarding complete dentures prosthetic procedures and is designed to instruct the student on the “how to” procedures to fabricate complete dentures in a clinical setting. The student will do all the procedures leading up to delivery of a CD. Adjustments will be done until the patient is lesion free. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OHR 888. D3 Clinical Fixed Prosthodontics
Term Typically Offered: Spring Only
Description: Experiences in Clinical Fixed Prosthodontics during the D3 year enable the student to apply the knowledge and skills learned in the preclinical fixed prosthodontics courses to patient care. These experiences will be obtained in student clinics, and may encompass all Fixed Prosthodontic options. Such options include esthetic and non-esthetic single crowns and fixed dental prosthesis fabricated from a variety of materials and using a variety of methods. All procedures will be completed with a patient-centered and ethical approach to treatment planning and delivery, with emphasis on timely treatment and sequencing, optimum function, and esthetics. As the student demonstrates improved skills and documents competency in performance of Fixed Prosthodontic procedures, more complicated treatments may be undertaken, inclusive of more advanced concepts and clinical options.

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OHR 891. Clinical Complete Dentures II
Term Typically Offered: Spring Only
Description: This course offers patient treatment experience. The student will work toward competency in constructing a complete denture on a patient. The patient will be treated until the student completes and adjusts the prosthesis and the patient is lesion free. Evaluation of the student for competency will be measured. Additional prostheses may be assigned in order to have the student display competency.

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OHR 893. Clinical Removable Partial Dentures
Description: This course involves the experiences in clinical removable partial dentures. Students are expected to successfully treat patients with a variety of removable partial denture needs during clinical time. Clinical sessions are offered so the student can apply and reinforce knowledge gained from the pre-clinical course and lectures.

For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OHR 895. D4 Clinical Fixed Prosthodontics
Term Typically Offered: Spring Only
Description: Two years. Experiences in Clinical Fixed Prosthodontics enable the student to apply the knowledge and skills learned in the preclinical fixed prosthodontics courses to patient care. These experiences will be obtained in student clinics, and may encompass all Fixed Prosthodontic options. Such options include esthetic and non-esthetic single crowns and fixed dental prosthesis fabricated from a variety of materials and using a variety of methods. All procedures will be completed with a patient-centered and ethical approach to treatment planning and delivery, with emphasis on timely treatment and sequencing, optimum function, and esthetics. As the student demonstrates improved skills and documents competency in performance of Fixed Prosthodontic procedures, more complicated treatments may be undertaken, inclusive of more advanced concepts and clinical options.

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OHR 899. Preclinical Student Teaching Experience
Grading Basis: Pass/Fail
Prerequisite(s): B or better in preclinical courses.
Description: Provide senior dental students with practical teaching experiences in an environment in which they are comfortable and familiar. Foster an interest in academic dentistry to help fulfill a need in the area of dentistry.

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OHR 900. Advanced Education in Endodontics
Grading Basis: Pass/Fail
For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OHR 910. Advanced Education in Periodontics
Grading Basis: Pass/Fail
For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

OHR 920. Advanced Education in Prosthodontics
Grading Basis: Pass/Fail
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