

INTRO TO CLINICS (PRECL-DN)

PRECL-DN 8076 Advanced Education in Orthodontics Clinic I A (20 Credits)

Part 1 A: This course is composed of 3 essential modules listed below:
1. Orthodontic Summer Orientation for 1st year students
2. Orthodontic Records and Interpretation
3. Clinical Orthodontics
The course prepares the 1st year student for the treatment of orthodontic patients in the clinic. During the Summer Orientation course students will learn and practice basic clinical skills such as obtaining quality records, the indications and fabrication of orthodontic appliances. The students will also learn the foundation of orthodontic diagnosis and treatment planning, and practice their newly acquired skills on new patients. (Year 1)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8077 Principles of Orthodontics I A (2.75 Credits)

Part 1 A: This course teaches the foundation knowledge essential for orthodontic clinical practice. It is composed of four essential modules listed below:
1. Diagnosis & Treatment Planning I
2. Orthodontic Mechanotherapy
3. Orthodontic Research I
4. Orthodontic Practice Management Seminars I (Year 1)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8078 Advanced Education in Orthodontics Clinic II A (20 Credits)

Part 2 A: In addition to treating patients in the clinic – clinical orthodontics – the students will learn to how evaluate the treatment progress of their patients, and treatment outcomes using the model scoring system devised by the American Board of Orthodontics. (Year 2)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8079 Principles of Orthodontics II A (3 Credits)

Part 2 A: This course continues teaching the knowledge needed for orthodontic clinical practice and is composed of three essential modules listed below:
1. Diagnosis & Treatment Planning II A
2. Orthodontic Mechanotherapy II A
3. Orthodontic Research II A (Year 2)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8080 Advanced Education in Orthodontics Clinic III A (20 Credits)

Part 3 A: During their last year, students are expected to complete treatment on at least 60 of all cases they started and they will assess the treatment outcomes. Doing so will serve as a rigorous preparation for the clinical phase of the American Board of Orthodontics certification. (Year 3)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8081 Principles of Orthodontics III A (3 Credits)

Part 3 A: This course continues teaching the knowledge needed for orthodontic clinical practice and is composed of three essential modules listed below:
1. Orthodontic Mechanotherapy III A
2. Orthodontic practice management seminars III A
3. Orthodontic Research III A (Year 3)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8082 Advanced Education in Pediatric Dentistry Clinic I A (14.75 Credits)

Part A: This course includes advanced training in core pediatric dental clinical techniques, documentation and treatment planning, administration of local anesthesia, use of nitrous oxide/oxygen and behavior management, Pediatric Advanced Life Support, and the provision of comprehensive pediatric dental services in hospital and community-based dental clinic settings. (Year 1)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8083 Principles of Pediatric Dentistry I A (3.75 Credits)

Part A: This course consists of didactic lecture modules that focus on evidence-based pediatric dentistry, pediatric clinical case presentations, special topics in pediatric dentistry, early interceptive orthodontics, special needs populations, pediatric oral medicine and pathology, sedation and behavior management in pediatric populations, child development and psychology, and independent study in research methodology. (Year 1)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8084 Advanced Education in Pediatric Dentistry Clinic II A (21 Credits)

Part A: This course includes advanced training in core pediatric dental clinical techniques, documentation and treatment planning, administration of local anesthesia, use of nitrous oxide/oxygen and behavior management, Pediatric Advanced Life Support, and the provision of comprehensive pediatric dental services in hospital and community-based dental clinic settings. (Year 2)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8085 Principles of Pediatric Dentistry II A (3.75 Credits)

Part A: This course consists of didactic lecture modules that focus on evidence-based pediatric dentistry, pediatric clinical case presentations, special topics in pediatric dentistry, early interceptive orthodontics, special needs populations, pediatric oral medicine and pathology, sedation and behavior management in pediatric populations, child development and psychology, and independent study in research methodology. (Year 2)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8086 Yr1 ConferenceConferences in Prosthodontics I A (0.25 Credits)

Part A: The goal of these seminars is to provide a thorough and a systematic method for evaluation of patients and determination of a treatment plan. The case discussions focus on evaluation, diagnosis, prognosis, treatment sequencing, and treatment outcome assessments with a focus on a patient-centered approach and evidence-based discussion. (Year 1)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8087 Preclinical Workshop in Prosthodontics A (2.75 Credits)

Part A: PG students to be competent in laboratory aspects of prosthodontics and fundamentals of treatment planning for complex prosthodontic care. Educate and graduate dentists with technical competence and critical judgment skills to manage complex prosthodontics treatments with appropriate practice management skills. (Year 1)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8088 Advanced Education in Periodontics Clinic I A (13 Credits)

Part 1 A: Patient clinic/patient care implementing biologic and evidence based themes in periodontal and implant therapy. Focus on basic diagnosis, treatment, and assessment and maintenance of treatment results. (Year 1)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8089 Advanced Education in Periodontics Clinic II A (13 Credits)

Part 2 A: Patient clinic/patient care implementing biologic and evidence based themes in periodontal and implant therapy in increasingly complex diagnostics, treatment, and assessment and maintenance of treatment results. (Year 2)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8090 Advanced Education in Periodontics Clinic III A (13 Credits)

Part 3 A: Patient clinic/patient care implementing biologic and evidence based themes in periodontal and implant therapy in complex diagnostics, treatment, and assessment and maintenance of treatment results. (Year 3)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8091 Orthodontics Interdisciplinary Conferences I A (0.25 Credits)

Part 1 A: Orthodontics Interdisciplinary Conferences is comprised of a group of regularly scheduled interdisciplinary modules consisting of conferences, seminars and rounds that is designed to present current concepts on topics of shared clinical interest amongst the specialties. The sessions include both faculty and PG student led presentations, which focus on assuring best practices in specialty patient care by employing evidence-based practice principles. The integration of established and emerging biomedical knowledge into complex treatment plans, discussions of complications, performance improvement, risk management, ethics and professionalism challenges, and improved critical thinking skills are stressed during these sessions. (Year 1)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8092 Conferences in Orthodontics I A (1 Credit)

Part 1 A: The material covered in this course is given over the three years of the program, albeit with different levels of complexity depending on the seniority level of the students. During the first year, this course is built around 2 modules: 1. Diagnosis and Treatment Planning 2. Literature in Orthodontics. (Year 1)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8093 Advanced Education Program Research (3 Credits)

Advanced Education training programs all require some level of participation in research or scholarly activity. Each program sets its own research/scholarly activity requirements to meet or exceed the accreditation standards defined by that discipline. Projects may be lab-based, literature-based, or translational in nature. Students are required to participate in a project at the level defined by their program and demonstrate familiarization with and/or the application of principles of research methodology, types of research design, critical review of the existing literature, statistical analysis of results, and compliance with IRB, PHI, HIPAA, and ethical challenges confronted in conducting research projects. All PG students are expected to complete a project that is publication ready, approved for publication in a peer-reviewed journal, and/or has been submitted and approved for presentation at a local, national, or international professional scientific meeting.

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 8584 Advanced Education in Periodontics Clinic I B (13 Credits)

Part 1 B: Patient clinic/patient care implementing biologic and evidence based themes in periodontal and implant therapy. Focus on basic diagnosis, treatment, and assessment and maintenance of treatment results. (Year 1)

Grading: Dental Pass/Fail

Repeatable for additional credit: No

PRECL-DN 9333 Preclinical Workshop in Periodontics A (0.75 Credits)

Part A: PG students to be competent in laboratory aspects in periodontics. Educate graduate dentists with technical competence and critical judgment skills to manage complex periodontics treatments.

Grading: Dental Pass/Fail

Repeatable for additional credit: No