Center for Advanced Dental Education (CADE)

www.slu.edu/cade/index.php

LEADERSHIP
John F. Hatton, D.M.D.
Executive Director
S. Craig Rhodes, D.M.D., M.S.D.
Endodontic Program Director
Eustaquio A. Araujo, D.D.S., M.D.S.
Interim Orthodontic Program Director
Elio Reyes, D.D.S., M.S.
Periodontic Program Director
Daniel C. Stoeckel, D.D.S., M.S.
Pediatric Dentistry Program Director

DESCRIPTION
The Center for Advanced Dental Education (CADE) at Saint Louis University is the academic division through which advanced training in dentistry is administered. The Center is committed to advancing the science and the art of all dental specialties through outstanding education, patient care, and research while promoting a multidisciplinary focus.

The Center offers advanced dental education in the areas of Endodontics, Pediatric Dentistry, Periodontics, and Orthodontics that prepares students for specialty practice and satisfies the educational requirements of the respective specialty boards. A Certificate of Proficiency and Master of Science degree are awarded after the completion of all requirements of the respective specialty program. An optional 36-month Graduate Orthodontic Program is available for international students whose countries require six months of additional clinical training for licensing requirements.

CADE strives to balance progressive excellence with the highest standards and the compassionate service of the Catholic Jesuit heritage. Graduates leave prepared to be astute and aware clinicians using an integrated, multidisciplinary approach to caring for craniofacial and dental patient problems.

Our teaching facilities include 3 clinical areas, an 18-station technique lab, a large multimedia auditorium, three classrooms, a library and three research labs. Support areas include offices, storage and sterilization areas, and a laboratory for fabricating appliances.

ACCREDITATION
All advanced dental training programs are fully accredited by the Commission on Dental Accreditation of the American Dental Association.

POLICIES
The prerequisite for matriculation in any CADE dental training program is possession of a D.D.S., D.M.D., or equivalent general dental degree. Selection for admission is based upon the completed application file and a personal interview. Successful completion of all CADE dental program requirements results in a Master of Science in Dentistry degree and a specialty certificate of completion of didactic and clinical requirements. Each individual specialty program demands full-time participation at SLU. The four programs vary in length and differ in educational goals. Requirements include courses from the core listings below, as well as specialty courses unique to the individual discipline (listed subsequently). The goal of the core curriculum is to provide advanced concepts in the sciences that comprise the foundation of post-baccalaureate dental education.

Admission to this program implies certain expectations and obligations on the part of the resident, as well as the faculty. The faculty and administration pledge to provide the resident with appropriate opportunities and facilities for learning. In order to be awarded a master's degree, the resident must complete the required University and program requirements and be in compliance with Saint Louis University and, where applicable, Southern Illinois University School of Dental Medicine policies and procedures. Upon completion of the research, a successful thesis defense is required. It should be noted that these minimal University requirements may be supplemented by additional program criteria. There may be some flexibility in elective coursework varying somewhat with the student's interests and educational objectives.

It is the obligation of the faculty to attest to the student's competency prior to the awarding of any degree. Therefore, in some circumstances, special requirements may be made in addition to, or in place of, requirements set forth in this document.
ENDODONTICS
www.slu.edu/programs/graduate/endodontics-ms.php

LEADERSHIP
S. Craig Rhodes, D.M.D, M.S.D.
Program Director

OVERVIEW
This is a 24-month program commencing on or about July 1 each year. A Certificate in Endodontics and Master of Science in Dentistry with a concentration in Endodontics is awarded at the conclusion of the program.

Faculty
Alan T. Azar, D.D.S., M.S.
Katherine T. Behrents, D.D.S., M.S.
Nathaniel E. Behrents, D.D.S., M.S.
Roxanne P. Benison, D.M.D., M.S.
Benjamin S. Ber, D.D.S., M.S.
Adam J. Diliberto, D.D.S., M.S.
Colin H. Eliot, D.D.S., M.S.
Keith A. Evans, D.M.D., M.S.
Jacob E. Frazier, D.M.D., M.S.
Marileana Garcia Corretjer, D.D.S., M.S.
John F. Hatton, D.M.D.
John A. Khademi, D.D.S., M.S.
John E. Levin, D.D.S., M.S.
Barbara A. McCracken, Ph.D.
Kevin C. Rowland, Ph.D.
Cameron M. Russell, D.M.D., M.S.
Daniel G. Stamos, D.D.S., M.S.
Gregory Stewart, Ph.D.
Karl F. Woodmansey, D.D.S.

MASTER OF SCIENCE IN DENTISTRY, ENDODONTICS

Program Highlights
The Center for Advanced Dental Education offers a program in the specialty of Endodontics that leads to the Master of Science in Dentistry degree and a certificate in Endodontics. This program is offered in close affiliation with Southern Illinois University School of Dental Medicine. The program requirements are conducted at both Saint Louis University and Southern Illinois University School of Dental Medicine.

Curriculum Overview
Courses include preclinical endodontic technique, literature review, preclinical teaching practicum, clinical teaching practicum, pulp biology, concepts in biomedical science, principles of endodontic surgery, American Board of Endodontics review, clinical endodontics and thesis research.

Fieldwork and Research Opportunities
SLU's graduate endodontic program focuses on: a comprehensive clinical experience involving diagnosis and treatment of all categories of nonsurgical and surgical endodontic cases; courses encompassing biomedical and clinical concepts; and research related to the discipline of endodontics. Fifty credits are required for graduation.

Students also receive training in research design and statistics and must conduct an original research project. This effort leads to the preparation and defense of a thesis and, subsequently, the production of a manuscript suitable for publication in a journal relating to the specialty of endodontics. The experience of discovery provided by such research is an integral part of the graduate program, and students are expected to produce a meaningful contribution to the field of endodontics.

Careers
Our goal is to prepare the graduate to pursue a career of many possibilities: as a clinician with a practice limited to endodontics, as a researcher or as a teacher of endodontics.

Admission Requirements
The prerequisite for matriculation in any CADE dental training program is possession of a D.D.S., D.M.D., or equivalent general dental degree.

Students must have successfully passed a regional dental board examination and established eligibility for dental licensure in Missouri and Illinois.

Application Criteria
+ Online application and fee
+ Three letters of recommendation
+ National board score test results (scores should be sent to graduate@slu.edu; not required for international applicants)
+ Transcript(s)
+ Biographical goals statement
+ Curriculum vitae or résumé

Requirements for International Students
+ A completed Declaration of Financial Support packet with all accompanying documents
+ TOEFL or PTE Academic score
+ Check the English Proficiency Policy page for specific TOEFL and PTE score requirements.

Students may also visit the international prospects, applicants and students page for more information about international application requirements.

Application Deadline
The deadline for completing the online application and submitting all supporting documents is July 1 for admission into the program the following July.

Review Process
A committee examines and reviews the applicant and application wholly. Promising applicants are invited for on-site interviews in July.
Scholarships and Financial Aid
For more information, visit the student financial services office online at finaid.slu.edu.

Accreditation
The endodontic program is fully accredited by the Commission on Dental Accreditation of the American Dental Association. Following completion of the program, graduates are educationally qualified for certification by the American Board of Endodontics.

Program Requirements

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TOTAL CREDITS: 50

Non-Course Requirements
Supervised clinical endodontic treatment of patients; comprehensive endodontic specialty examinations utilizing written, oral, and practical clinical formats; teaching practicum.

The minimum clinical requirements are 300 cases and 15 surgical experiences. The program director is fully responsible for ensuring adequate experience in all phases of clinical endodontics.

Continuation Standards
Students must maintain a cumulative GPA of 3.00 in all required graduate/professional courses.
ORTHODONTICS

www.slu.edu/programs/graduate/orthodontics-ms.php

LEADERSHIP
Eustaquio A. Araujo, D.D.S., M.D.S.
Interim Program Director

OVERVIEW
Orthodontics was created as a specialty of dentistry to address complex problems involving the growth and development of the facial structures and dentition. In this specialty, special emphasis is given to conditions that require tooth movement and alterations of the bones of the facial complex. In the Graduate Orthodontic Program at the Center for Advanced Dental Education at Saint Louis University, the faculty endeavor to provide the highest quality, contemporary education for dental graduates so that students become respected professionals dedicated to the practice and advancement of the specialty of orthodontics.

Our program, which is one of the oldest orthodontic programs in the U.S., began training orthodontists in 1948. Since then, nearly 800 students have studied and earned their degrees at Saint Louis University; the SLU orthodontic program has produced more orthodontists than any program in the world. Alumni have compiled an excellent record of accomplishment by providing high-quality service to their patients, teaching, conducting research, and providing service to the profession of dentistry and the specialty of orthodontics. The Center is proud of the achievements of the alumni and are poised to teach future students who are committed to learning, the search for knowledge, and the delivery of quality health care.

This is a 36-month program commencing on or about the third week of June each year. The program is university-based with hospital affiliations. A Certificate in Orthodontics and Master of Science in Dentistry with a concentration in Orthodontics is awarded at the conclusion of the program.

Faculty
Eustaquio Araujo, D.D.S., M.D.S.
Mark C. Azar, D.D.S., M.S.
Nicholas P. Azar, D.M.D., M.S.
Brent D. Bankhead, D.D.S., M.S.
Rolf G. Behrents, D.D.S., M.S., Ph.D.
Randall K. Brown, D.D.S., M.S.
Margaret H. Cooper, Ph.D.
Jeffrey L. Cupps, D.M.D., M.S.
Donald G. Eliot, D.D.S., M.S
John R. Firth, D.D.S., M.S
Patrick F. Foley, D.D.S., M.S.
Lynn M. Grames, B.S., M.A.
Steven D. Harrison, D.D.S., M.S.
Kimberly D. Haug, D.M.D., M.S.
Andrew M. Hayes, D.D.S., M.S.
Eugene W. Hayes, D.D.S., M.S.
J. Michael Hudson, D.M.D.
Lysle E. Johnston Jr., D.D.S., M.S., Ph.D.
Christopher K. Kesling, D.D.S., M.S.
Ki Beom Kim, D.D.S., M.S., Ph.D.
James G. Klarsch, D.D.S., M.S.
Sharon Lee Mason, D.D.S., M.S.
William L. Mastorakos, D.D.S., M.S.
Julie F. McCray, D.D.S., M.S.
Paul A. Melnik, D.D.S., M.S.
Mazyar Moshiri, D.M.D., M.S.
Reza Movahed, D.M.D., O.F.M.S.
Robert J. Nikolai, Ph.D.
Donald R. Oliver, D.D.S., M.S.
Michael V. Purcell, D.D.S., M.S.
Kenneth B. Rowan, D.D.S., M.S.
Ernst M. Taeger, D.D.S., M.S.
Charles B. Thornton, D.M.D., M.S.
Hiroshi Ueno, D.D.S., M.S.
Kevin C. Walde, D.D.S., M.S.

MASTER OF SCIENCE IN DENTISTRY, ORTHODONTICS

Program Highlights
The orthodontic program strives to balance progressive excellence with the highest standards and the compassionate service of the Catholic Jesuit heritage. Graduates leave Saint Louis University prepared to be astute and aware clinicians using an integrated, multidisciplinary approach to caring for craniofacial and dental patient problems.

Curriculum Overview
The orthodontic program offers three basic areas of training: an extensive and comprehensive clinical experience that involves diagnosis, treatment planning, active treatment, and retention of patients representing a variety of malocclusions and craniofacial deformities; core courses that include biomedical sciences and clinical concepts; and orthodontic research. Students will need to complete 87 credits to graduate.

Specific courses include facial development, biomechanics, clinical cephalometrics, oral biology, surgical orthodontics, orthodontic problems related to the cleft-palate patient, speech problems related to the oral mechanism, history of orthodontics, diagnosis and treatment planning, clinical diagnosis, orthodontic analysis and treatment modalities, introduction to clinical orthodontics, principles of orthodontic techniques, seminar on child and adolescent psychology, review for the ABO examination and thesis research.

Fieldwork and Research Opportunities
Following preliminary laboratory and classroom instruction, each resident initiates treatment on a large number of patients who present a broad array of dental malocclusions and skeletal deformities. Although residents are first introduced to the Tweed edgewise philosophy form of treatment, students are also exposed to Tip-Edge mechanics (the sequel to Begg...
therapy), functional and other removable appliances, and to various straight wire appliances. The supervising faculty present their philosophies and techniques by means of lectures, seminars, laboratory exercises, and demonstrations.

In the clinic, students are exposed to a wide array of patient types. Children, adolescents, and adults are treated; consequently students are exposed to treatment in the deciduous, mixed, and adult dentitions. Students are also exposed to cases with compromised oral health that require consideration of periodontal, restorative, and temporomandibular joint treatment. As a result, many patients are treated by an interdisciplinary approach with other healthcare professionals. Throughout the clinical experience, each student receives a great deal of faculty attention. The development of diagnostic and treatment skills is emphasized as a major responsibility to students.

Additional courses and seminars augment the clinical experience covering the topics of diagnosis and treatment planning, cephalometrics, theoretical and practical biomechanics, oral pathology, oral medicine, multidisciplinary treatment, speech disorders, craniofacial defects with particular emphasis on cleft lip/palate rehabilitation, adolescent and adult psychology, implants, dentofacial orthopedics, surgical orthodontics, TMJ disorders, and practice management.

Students also receive training in research design and statistics and must conduct an original research project. This effort leads to the development of a thesis and, subsequently, the production of a meaningful contribution to the field of orthodontics. The experience of discovery provided by such research is an integral part of the specialty of orthodontics. The emphasis on the development of diagnostic and treatment skills is emphasized as a major responsibility to students.

Careers
The goal of SLU's Center for Advanced Dental Education is to prepare orthodontic graduates to pursue a career with many possibilities: as a clinician with a practice limited to orthodontics, as a researcher or as a teacher of orthodontics.

Admission Requirements
The prerequisite for matriculation in any CADE dental training program is possession of a D.D.S., D.M.D., or equivalent general dental degree.

Application Requirements
+ Online application and fee
+ Three letters of recommendation
+ National board score test results (scores should be sent to graduate@slu.edu; not required for international applicants)
+ Transcript(s)
+ Biographical goals statement
+ Curriculum vitae or résumé
+ GRE Scores (SLU's GRE code is 6629)
+ National Match number

Requirements for International Students
+ A completed Declaration of Financial Support packet with all accompanying documents
+ TOEFL or PTE Academic score
+ Check the English Proficiency Policy page for specific TOEFL and PTE score requirements. Students may also visit the international prospects, applicants and students page for more information about international application requirements.

Application Deadline
Applications must be completed by September 1 to be considered for the orthodontic program beginning the summer semester of the following year.

Review Process
Promising applicants are invited for on-site interviews beginning in October. The orthodontic program subscribes to a national matching service and the "tell date" occurs in late November or early December.

Scholarships and Financial Aid
For more information, visit the student financial services office online at finaid.slu.edu.

Accreditation
The orthodontic program is fully accredited by the Commission on Dental Accreditation of the American Dental Association. Following completion of the program, graduates are educationally qualified for certification by the American Board of Orthodontics.

Program Requirements
BBS 5100 Responsible Conduct in Research 0
CAD 5010 Pain: Anatomy, Physiology, Psychology, Diagnosis & Treatment 1
CAD 5050 Introduction to Statistical Inference 3
CAD 5060 Ethics in Dental Research and Practice 0
CAD 5070 Bone & Periodontal Physiology 2
CAD 5080 Multidisciplinary Diagnosis and Treatment Planning 2
CAD 5110 Principles of Practice Management 1
CAD 5140 TMJ Disorders 0-1
CAD 5180 Advanced Oral Medicine 1
CAD 5170 Advanced Oral Pathology 1
CAD 5190 Advanced Head and Neck Anatomy 2
CAD 5240 Implants & Temporary Anchorage Devices 1
ORES 5100 Research Methods in Health and Medicine 3
ORTH 5030 Facial Development 2
ORTH 5010 Fundamentals of Orthodontics 2
ORTH 5100 Biomechanics 2
ORTH 5250 Clinical Cephalometrics 2
ORTH 5350 Surgical Orthodontics 1
ORTH 5370 Orthodontic Problems Related to Cleft Palate Patient 1
ORTH 5390 Speech Problems Related to the Oral Mechanism 1
ORTH 5400 History of Orthodontics 1
ORTH 5490 Diagnostic Procedures in Orthodontics 1
ORTH 5500 Diagnosis and Treatment Planning 1
ORTH 5530 Clinical Diagnosis I 1
ORTH 5540 Clinical Diagnosis II 1
ORTH 5650 Orthodontic Analysis and Treatment Medallities 1
ORTH 5680 Clinical Case Conference 6
ORTH 5580 Clinical Specialty Seminars 8
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**TOTAL CREDITS: 87**

**Non-Course Requirements**

Supervised active and retention clinical orthodontic treatment of patients; comprehensive orthodontic specialty examinations utilizing written, oral, and practical clinical formats.

**Continuation Standards**

Students must maintain a cumulative GPA of 3.00 in all required graduate/professional courses.
PEDIATRIC DENTISTRY
www.slu.edu/programs/graduate/periodontics-ms.php

LEADERSHIP
Daniel C. Stoeckel, D.D.S., M.S.
Program Director

OVERVIEW
This is a 24-month program commencing on or about July 1 of each year. The program is university-based with an affiliation with SSM Health Cardinal Glennon Children's Hospital. A Certificate in Pediatric Dentistry and Master of Science in Dentistry with a concentration in Pediatric Dentistry is awarded at the conclusion of the program.

Faculty
Craig S. Hollander, D.D.S, M.S.
Richard L. O'Brien, D.D.S, M.S., FACD
Adam M. Snyder, D.M.D., M.S.D.
Larry W. Thomas, D.D.S
Stephanie L. Whitley, D.M.D.

MASTER OF SCIENCE IN DENTISTRY, PEDIATRIC DENTISTRY

Program Highlights
The Advanced Education Program in Pediatric Dentistry offers the student a comprehensive 24-month course of study in clinical and didactic pediatric dentistry and is designed to meet the educational requirements for limitation of practice to pediatric dentistry and examination by the American Board of Pediatric Dentistry. Emphasis is placed on all phases of pediatric dentistry, and at the end of the program the student will be able to provide comprehensive oral health care for the well child, the medically compromised child and the child with special health care needs. Extensive experience is provided in the areas of sedation, analgesia and the use of general anesthesia to deliver dental treatment. Research experience is gained through completion of a master's thesis research project.

The pediatric dental postgraduate program is a newly remodeled 6-chair clinic. Each operatory is equipped with digital radiographic capabilities and nitrous oxide. A small office area, as well as break room, library and classrooms are provided for the residents.

Program Strengths
+ Excellent educational program with dedicated faculty
+ Large patient base with extensive dental needs
+ Extensive experience managing children with a wide range of special health care needs
+ Experience treating special needs adults
+ Extensive experience in sedation/general anesthesia

+ Facilitated research experience

Curriculum Overview
Seminars are held that cover topics relevant to pediatric dentistry, and a literature review course will discuss current and classic articles from pediatric dental literature. Multi-disciplinary seminars are held in conjunction with the graduate programs in orthodontics, endodontics and periodontics. Formal courses are presented in biostatistics, oral medicine, oral pathology, early and mixed dentition, therapeutics, practice management and some basic sciences. Off-service rotations occur in general anesthesia, pediatric medicine, pediatric emergency room and craniofacial clinic.

Fieldwork and Research Opportunities
Students will gain operating room experience, as well as necessary clinical rotations at SSM Health Cardinal Glennon Children's Medical Center. Residents will provide 24 hour/7 day per week dental consultation to the Cardinal Glennon emergency room, a Level I Pediatric Emergency Room.

Students also receive training in research design and statistics and must conduct an original research project. This effort leads to the preparation and defense of a thesis and, subsequently, the production of a manuscript suitable for publication in a journal relating to the specialty of orthodontics. The experience of discovery provided by such research is an integral part of the graduate program, students are expected to produce a meaningful contribution to the field of pediatric dentistry.

Careers
The goal of SLU's Center for Advanced Dental Education is to prepare pediatric dentistry graduates to pursue a career with many possibilities: as a clinician with a practice limited to pediatric dentistry, as a researcher or as a teacher of pediatric dentistry.

Admission Requirements
The prerequisite for matriculation in any CADE dental training program is possession of a D.D.S., D.M.D., or equivalent general dental degree.

Application Requirements
+ Online application and fee
+ Three letters of recommendation
+ National board score test results (scores should be sent to graduate@slu.edu; not required for international applicants)
+ Transcript(s)
+ Biographical goals statement
+ Curriculum vitae or résumé
+ National Match Number

Requirements for International Students
+ A completed Declaration of Financial Support
packet with all accompanying documents
+ TOEFL or PTE Academic score
+ Check the English Proficiency Policy page for specific TOEFL and PTE score requirements. Students may also visit the international prospects, applicants and students page for more information about international application requirements.

Application Deadline
Applications must be completed by October 1 to be considered for the periodontic master's program beginning the summer semester of the following year.

Review Process
A committee examines and reviews the applicant and application wholly. Promising applicants are invited for on-site interviews in October.

Scholarships and Financial Aid
For more information, visit the student financial services office online at finaid.slu.edu.

Accreditation
The pediatric dentistry program consists of clinical and classroom training on the graduate level in the specialty of pediatric dentistry. The 24-month program is fully accredited by the Commission on Dental Accreditation of the American Dental Association. Following completion of the program, graduates are educationally qualified for certification by the American Board of Pediatric Dentistry.

Program Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>BBS 6100</td>
<td>Responsible Conduct in Research</td>
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<td>CAD 5010</td>
<td>Pain: Anatomy, Physiology, Psychology, Diagnosis &amp; Treatment</td>
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<td>CAD 5050</td>
<td>Introduction to Statistical Inference</td>
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<td>PDED 5900</td>
<td>Thesis Research</td>
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TOTAL CREDITS: 50

Non-Course Requirements
Supervised clinical pediatric treatment of patients; comprehensive pediatric specialty examinations utilizing written, oral, and practical clinical formats; teaching practicum; oral defense of the thesis.

Continuation Standards
Students must maintain a cumulative GPA of 3.00 in all required graduate/professional courses.
PERIODONTICS
www.slu.edu/programs/graduate/periodontics-ms.php

LEADERSHIP
Elio Reyes, D.D.S., M.S.
Program Director

OVERVIEW
This is a 36-month program commencing on or about July 1 of each year. A Certificate in Periodontics and Master of Science in Dentistry with a concentration in Periodontics is awarded at the conclusion of the program.

Faculty
Robert N. Bitter, D.M.D.
Robert L. Blackwell, D.D.S.
Miryam Nathalia Garcia, D.D.S., M.S.
Charles F. Hildebolt, D.D.S., Ph.D.
Barbara A. McCracken, Ph.D.
D. Douglas Miley, D.M.D., M.S.D.
Arthur J. Misischia, D.M.D.
Jeffrey R. Naylor, D.M.D., M.S.
Mohamed T. Omran, B.D.S., M.S.
Cyril Pandarakalam, B.D.S., M.S.
Ryan L. Rader, D.M.D., M.S.
Neal W. Roller, D.D.S., M.S.
Bruce E. Rotter, D.M.D., M.S.
Allan J. Schwartz, D.D.S., C.R.N.A.
Allen Solaroff, D.D.S.
Sara J. Whitener, D.D.S., M.S.

MASTER OF SCIENCE IN DENTISTRY, PERIODONTICS

Program Highlights
The periodontic program strives to balance progressive excellence with the highest standards and the compassionate service of the Catholic, Jesuit heritage. Graduates leave Saint Louis University prepared to be astute and aware clinicians using an integrated, multidisciplinary approach to caring for craniofacial and dental patient problems.

Curriculum Overview
The periodontic program focuses on an extensive, comprehensive clinical experience involving diagnosis and treatment of patients with a wide variety of periodontal problems, biomedical sciences courses and research related to the discipline of periodontology and oral implantology. Sixty-three credits are required to complete the program.

Courses include principles of periodontics, periodontal literature reviews, conscious sedation, introduction to graduate implant dentistry, advanced implant surgery, clinical teaching practicum, periodontal case presentation seminar, clinical periodontics, periodontal systemic interrelationships, orthodontic-periodontic interrelationships, current literature in periodontics and thesis research.

Fieldwork and Research Opportunities
The clinical portion of the curriculum encompasses all aspects of periodontal treatment including non-surgical therapy, hard and soft tissue regenerative and regenerative surgery, implant surgery, ridge augmentation procedures, occlusal therapy, conscious sedation, periodontal plastic surgery and maintenance therapy.

Students also receive training in research design and statistics and must conduct an original research project. This effort leads to the preparation and defense of a thesis and, subsequently, the production of a manuscript suitable for publication in a journal relating to the specialty of periodontics. The experience of discovery provided by such research is an integral part of the graduate program, and students are expected to produce a meaningful contribution to the field of periodontics.

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All applicants must possess a dental license in a U.S. state or foreign country.

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**TOTAL CREDITS: 63**

**Non-Course Requirements**
Supervised clinical periodontal treatment of patients; comprehensive periodontal specialty examinations utilizing written, oral, and practical clinical formats; teaching practicum; oral defense of the thesis.

**Continuation Standards**
Students must maintain a cumulative GPA of 3.00 in all required graduate/professional courses.