Doctor of Dental Surgery

The WVU School of Dentistry prepares students to provide high-quality, comprehensive oral health care. A dental degree offers a variety of career options including private practice, teaching, research, and public health dentistry. In addition to the Doctor of Dental Surgery (DDS) degree, specialty practice areas may be pursued by advanced training. Oral health professionals are essential members of the health care team. The school offers enriching interprofessional learning opportunities with other Health Sciences Center health profession programs.

Our students train using state-of-the-art technology which includes, but is not limited to, electronic health record, digital radiography, and dental simulation. Community service is integral to our mission. Students participate in a plethora of local, state and global community outreach programs. Prior to graduation, students experience a community-based clinical rotation in rural West Virginia for at least six weeks. Due to a large number of applications and limited class size, qualified West Virginia residents receive priority consideration, and outstanding nonresident applicants are also considered. Residency status is determined by the WVU Office of Admission in accordance to the Higher Education Policy Commission Rules and Policies, Series 25. The dental admissions committee utilizes a holistic selection process that takes into account cognitive and non-cognitive attributes in accordance with defined admission criteria. Competition for admission has elevated the academic profile of admitted candidates to a rather high plateau. Nonresident applicants generally have earned a GPA of ≥ 3.75 and DAT scores of 19 or above. The School of Dentistry recognizes the importance of diversity in fulfilling its mission and encourages individuals from diverse backgrounds to apply.

Admission Requirements

Admission to the WVU School of Dentistry Doctor of Dental Surgery (D.D.S.) program is contingent upon satisfactory completion of all admission requirements, appropriate completion of all application instructions, submission of all transcripts from each college attended, submission of Dental Admission Test (DAT) scores, a personal interview, satisfactory completion of all courses taken before registration in dental school (includes courses taken during the summer session immediately preceding initial enrollment), and all other requirements as set forth by the dental admission committee. Detailed information is available on the dental admissions webpage: http://dentistry.hsc.wvu.edu/education/programs/doctor-of-dental-surgery/apply-now/.

Applications should be submitted in the summer or early fall of the year prior to anticipated enrollment. Candidates for the D.D.S. degree must have abilities and skills in the following areas: observation; communication; motor; intellectual, conceptual, integrative, quantitative; behavioral and social. Technological compensation can be made for some disabilities in certain areas, but a candidate should be able to perform in a reasonably independent manner. (Refer to the School of Dentistry website for additional details about technical standards).

A minimum of three years of college course work completed at U.S. or Canadian colleges or universities is required. Applicants must have earned a minimum of ninety semester credit hours at the time of application. Up to 64 semester credit hours completed at community colleges are accepted toward the minimum course hour requirement. The prerequisites for admission include:

<table>
<thead>
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<th>Subject</th>
<th>Hours</th>
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<tbody>
<tr>
<td>English composition and rhetoric, or equivalent</td>
<td>6</td>
</tr>
<tr>
<td>Zoology or Biology (with laboratory)</td>
<td>8</td>
</tr>
<tr>
<td>Inorganic Chemistry (with laboratory)</td>
<td>8</td>
</tr>
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<td>Organic Chemistry (with laboratory)</td>
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<tr>
<td>Physics (with laboratory)</td>
<td>8</td>
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<td>Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>Anatomy (Comparative or Human)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>44</strong></td>
</tr>
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</table>

Completion of courses in microbiology, embryology/developmental biology, physiology, cellular and molecular biology, genetics and psychology are strongly recommended. In addition, courses in the humanities and the social sciences are suggested to acquire a well-rounded intellectual background for the study and practice of dentistry. Admitted students must complete all required courses by June 1st. The School of Dentistry participates in the Associated American Dental Schools Application Service (AADSAS). All applications must be submitted online via AADSAS at http://www.adea.org. Each year the AADSAS application becomes available in early June. The application deadline is November 1st of the year immediately prior to the applicant's anticipated enrollment. The school uses a rolling admission process and begins admitting highly qualified individuals on December 1st. Applicants are required to have letters of recommendation submitted to AADSAS. Specific information regarding recommendation sources and quantity is available on the School of Dentistry website. Satisfactory completion of the Dental Admission Test (DAT) is required. The test is given at testing centers throughout the U.S. and in Canada. DAT registration is available on the American Dental Association (ADA) website www.ada.org (http://www.ada.org). DAT scores must be submitted by November 1st of the year preceding the date of matriculation. Scores are valid up to five years after the test date. Applicants must complete shadowing experiences in clinical dental settings including private offices, community health clinics, and service missions. While there is no specific minimum shadowing hour requirement, successful candidates usually observe at least 75 hours in a variety of dental environments. The Dental Admission Committee evaluates all AADSAS applications and invites selected applicants to submit a secondary (WVU) application. West Virginia resident applicants are usually offered an interview, although the admissions committee may elect not to interview.
unfit to meet the qualifications and responsibilities of the profession. Individuals who received provisional acceptance must obtain criminal background clearance and provide documentation of the specified immunizations prior to matriculation.

INTERNATIONAL DENTAL GRADUATE GUIDELINES

International dental graduates who wish to apply to the WVU School of Dentistry Doctor of Dental Surgery (D.D.S.) program as a student in the first-year class must:

1. Submit an application through the Associated American Dental Schools Application Service (AADSAS) by November 1. To obtain additional information, please refer to the general admissions requirements, which include completion of at least 90 semester credit hours at a U.S. or Canadian College or University prior to application submission.
2. Provide documentation of a D.D.S. or D.M.D. degree (or equivalent) from a non-U.S. dental school.
3. Demonstrate proficiency in the English language as demonstrated by performance on the Test of English as a Foreign Language (TOEFL) - paper-based minimum score of 500 or computer-based minimum score of 173 or internet-based test minimum score of 61 - and completion of English 1 and English 2 (or equivalent) at an accredited U.S. college or university earning grade of C or above.
4. Provide three letters of recommendation by college instructors who are familiar with the applicant, excluding family members.
5. Submit Dental Admission Test (DAT) scores showing at least average competence in the various subsections of the test - 17 minimum score, or provide evidence of having successfully passed the National Board Dental Examination, Part I, within five years preceding the application.
6. Have all previous coursework from non-U.S. colleges evaluated by Educational Credential Evaluators (ECE) or the World Educational Services (WES). An official or certified copy of the evaluation must be provided to WVU. The applicant is responsible for payment of fees for this service.
7. Provide official transcripts from all schools attended in the original language of issue.

If granted an interview, applicants must present to the school for personal interview with the admissions committee. Applicants who are invited for an interview must complete the secondary (institution) application for admission and submit the associated fees. The transcripts of international dental graduates who are approved for an interview will be evaluated by the WVU Office of Admission, International unit. West Virginia residents will be given priority consideration.

Promotion

At the end of each grading period (i.e., each academic semester or summer session) all students will have their individual progress reviewed by the Academic and Professional Standards Committee convened for their class. The progress of each student in the curriculum is governed by minimum acceptable performance standards upon which the committee bases its decisions.

The standards consist of three categories: scholastic performance, clinic performance and utilization, and professional development. Scholastic performance requires that each student must earn a specified grade point average to be promoted to the succeeding year. Clinic performance and utilization requires that each student must utilize a specified percentage of available clinic time to demonstrate steady progress toward attainment of clinical competency. Professional development is an important component of the study of dentistry. The criteria for determining this development are based on the student’s personal behavior and patient management skills.

These performance standards are explained in detail in the document entitled WVU School of Dentistry Academic and Professional Standards. All first-year students are presented this document prior to entering school and are required to acknowledge by their signature that they have read and accepted the conditions set by the material contained therein. At the completion of each academic term, following the Committee on Academic and Professional Standards meetings, the status of each student is reported to the dean. The committee may decide that a student be promoted unconditionally, be promoted on probation, be allowed to make up deficiencies, be given the opportunity to repeat the year, or be suspended or dismissed from further studies in the School of Dentistry. Final disposition in each case is the prerogative of the Dean of the School of Dentistry.

Degree Requirements

Candidates for graduation are recommended by the faculty of the School of Dentistry to the Board of Governors for approval and for the conferring of the degree of Doctor of Dental Surgery (D.D.S.), provided they fully meet the following conditions:

- Shall have been a full-time student in regular attendance in the School of Dentistry for the academic period prescribed for each student.
- Shall have completed the prescribed curriculum for each of the academic sessions.
- Shall have shown good moral character and shall have demonstrated a sense of professional responsibility in the performance of all assignments as a student.
- Shall have met in full all financial obligations to the University.

In view of public and professional responsibilities, the faculty of each of the professional schools of WVU has the authority to recommend to the president of the University the removal of any student from its rolls whenever, by formal decision reduced to writing, the faculty finds that the student is unfit to meet the qualifications and responsibilities of the profession.
## CURRICULUM REQUIREMENTS

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<tr>
<th>Course Code</th>
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<tr>
<td>DENT 701</td>
<td>Arts &amp; Sciences of Preventive Dentistry</td>
<td>2</td>
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<tr>
<td>DENT 703</td>
<td>Introduction to Patient Care</td>
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<td>DENT 704</td>
<td>Operative Dentistry</td>
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<td>DENT 706</td>
<td>Interprofessional Education</td>
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<td>DENT 707</td>
<td>Introduction to Clinical Dentistry</td>
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<td>Dental Anatomy and Occlusion</td>
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<td>DENT 711</td>
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<td>Endodontics</td>
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<td>Tooth-Colored Restorations</td>
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<td>DENT 725</td>
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<td>DENT 727</td>
<td>Dental/Maxillofacial Radiology</td>
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<td>Indirect Restorations</td>
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<td>DENT 730</td>
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<td>DENT 731</td>
<td>Occlusion</td>
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<td>Advanced Endodontic Theory and Practice</td>
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<td>Complete Dentures</td>
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<td>DENT 737</td>
<td>Treatment Planning</td>
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<td>DENT 739</td>
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<td>DENT 744</td>
<td>Diagnosis and Treatment Planning</td>
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<td>Principles of Orthodontics</td>
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<td>DENT 746</td>
<td>Orthodontic Techniques</td>
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<td>DENT 747</td>
<td>Management of Medical and Dental Emergencies</td>
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<td>DENT 751</td>
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<td>DENT 754</td>
<td>Introduction to Dental Implantology</td>
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<td>DENT 756</td>
<td>Fixed Prosthodontics: Part 1</td>
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<td>DENT 757</td>
<td>Fixed Prosthodontics: Part 2</td>
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<tr>
<td>DENT 758</td>
<td>Senior Seminar</td>
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<td>DENT 762</td>
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<td>Applied Pediatric Dentistry</td>
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<td>Composite Restorations</td>
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<td>DENT 774</td>
<td>Principles of Medicine</td>
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<td>DENT 776</td>
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<td>Periodontics</td>
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*Taken twice for 2 hours each:*
### SUGGESTED PLAN OF STUDY

#### First Year

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>DENT 778</td>
<td>Law &amp; Ethics in Dentistry</td>
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<td>DENT 780</td>
<td>Endodontics</td>
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<td>DENT 781</td>
<td>Patient Management 1</td>
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<td>Clinical Patient Management 2</td>
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<td>DENT 783</td>
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<td>DENT 784</td>
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<td>DENT 785</td>
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<td>DENT 786</td>
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<td>DENT 787</td>
<td>Clinical Oral Diagnosis</td>
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<td>DENT 789</td>
<td>Fixed Prosthodontics</td>
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<tr>
<td>MICB 702</td>
<td>Microbiology</td>
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<tr>
<td>NBAN 718</td>
<td>Dental Histology</td>
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<td>PATH 728</td>
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<td>PATH 738</td>
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<td>PATH 753</td>
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<tr>
<td>PCOL 760</td>
<td>Pharmacology &amp; Therapeutics</td>
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<tr>
<td>PSIO 743</td>
<td>Fundamentals of Physiology</td>
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**Total Hours:** 197

#### Second Year

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<td>DENT 756</td>
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**Total Hours:** 26

#### Third Year

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<td>DENT 761</td>
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<td>DENT 778</td>
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<td>PATH 753</td>
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**Total Hours:** 26
Major Learning Outcomes

DOCTOR OF DENTAL SURGERY

The ultimate benefits of Competencies for the Graduating Dentist will be a more efficient and rational curriculum that is responsive to the educational mission of the School of Dentistry.

The twenty-five major competencies are divided into seven categories of thought, behavior or knowledge. Each major competency is furthered by course objectives the sum total of which, when accomplished by the student, enable acquisition of the competency. Assessment of the acquisition of each competence will occur in many ways that are appropriate to the subject matter.

I. Scientific and Critical Thinking

1. Scientific Process: The graduating dentist must acquire, critically evaluate and assimilate scientific information necessary for the evaluation, diagnosis, treatment, management and prevention of oral health problems.

II. Patient Evaluation

2. Examination of the Patient: The graduating dentist must be able to perform an examination that collects the medical, physical, psychological and social information needed to evaluate the systemic and oral condition(s) of patients of all ages (infant through older adult) or with special needs (including, but not limited to, persons with developmental disabilities, complex medical problems and physical limitations) and manage behavioral factors which affect oral health and use the information to implement strategies that facilitate the delivery of oral health care.

III. Diagnosis

3. Diagnosis: The graduating dentist must be able to determine a differential, provisional or definitive diagnosis for patients of all ages by interpreting and correlating findings from the history, clinical and radiographic examination and other diagnostic tests.

IV. Treatment Planning

4. Treatment Planning: The graduating dentist must be able to develop, present, and discuss individual treatment plans for patients of all ages consistent with the patient’s condition, interest, goals and capabilities.

V. Patient Treatment and Management (for Patients in all Stages of Life)

5. Prevention of Disease and Maintenance of Health: The graduating dentist must be able to provide evidence-based interprofessional care for patients of all ages that emphasizes prevention of oral diseases and supports the maintenance of existing systemic and oral health.

6. Tobacco Cessation: The graduating dentist must be able to provide evidence-based tobacco cessation strategies.
7. Diversity Awareness: The graduating dentist must be able to discuss cultural factors that impact oral health and provide culturally-sensitive care to persons with varying individual characteristics and backgrounds.

8. Control of Pain and Anxiety: The graduating dentist must be able to employ techniques to manage orofacial discomfort and psychological distress.

9. Caries Management: The graduating dentist must be able to treat and manage caries in the primary, mixed and permanent dentitions.

10. Endodontic Therapy: The graduating dentist must be able to treat diseases of pulpal and periradicular origin in the primary, mixed and permanent dentitions.

11. Periodontal Therapy: The graduating dentist must be able to treat and manage periodontal disease in the primary, mixed, permanent and implant dentitions utilizing a non-surgical approach.

12. Surgical Therapy: The graduating dentist must be able to recognize, evaluate, treat and/or manage conditions requiring surgical procedures on the hard and soft tissues in patients of all ages.

13. Emergency Situations: The graduating dentist must be able to prevent and manage dental and medical emergency situations encountered in the practice of general dentistry.

14. Occlusal/TMD Therapy: The graduating dentist must be able to manage functional disorders of occlusal or non-occlusal origins.

15. Orthodontic Therapy: The graduating dentist must be able to manage developmental or acquired abnormalities in esthetics or occlusion.

16. Stomatology: The graduating dentist must be able to manage limited or common non-life threatening oral mucosal diseases or disorders.

17. Restorative/Prosthodontic Therapy: The graduating dentist must be able to convey laboratory instructions and provide restorations and prostheses that are correct in anatomical form, comfortable and functionally effective, and which satisfy the esthetic requirements of the patient or legal guardian.

18. Implant Therapy: The graduating dentist must be able to assess, diagnose, treatment plan and treat patients requiring single tooth posterior implant-supported restorations and mandibular implant-supported overdentures.

19. Assessment of Patient Treatment: The graduating dentist must be able to determine the prognosis for proposed patient care, evaluate the initial results of the care and determine appropriate periodic maintenance.

VI. Disease Prevention and Health Promotion

20. Community Engagement: The graduating dentist must be able to assume a leadership role in improving the oral health of individuals of all ages, families and groups in the community by planning, implementing and evaluating programs to eliminate oral health disparities through a dynamic, evidence-based and interprofessional approach to wellness.

VII. Practice Dynamics

21. Ethics: The graduating dentist must be able to discern and manage the ethicolegal issues of dental practice.

22. Dental Informatics: The graduating dentist must be able to utilize or appreciate office computerization, different forms of digital imaging and electronic communication and information retrieval for patient care, practice management, research and professional development.

23. Professional Practice: The graduating dentist must possess the skills to transition from dental school to various practice settings.

24. Scope of Practice: The graduating dentist must be able to know the limit of one’s competence and when to make referrals to colleagues.

25. Dental Sleep Medicine: The graduating dentist must recognize and refer patients at high risk for sleep disorders and prescribe and manage oral appliances, as a member of the sleep medicine team.

COURSES

DENT 600. Advanced Oral Surgery. 1-12 Hours.
PR: Consent. Advanced study of therapeutics, hospital protocol, and surgical aspects of oral surgery involving lectures, seminars, demonstrations, and clinical applications. (Grading may be P/F.).

DENT 601. Advanced Oral Microbiology. 1-3 Hours.
PR: Consent. Oral microbiology for dental specialties correlates science with evidence-based practice. Patient care is the primary focus linking oral health to systemic disease.

DENT 687. Research Methods. 1 Hour.
PR: Consent. Methods and techniques of research in dentistry. Major emphasis on conducting oral health surveys, designed experiments, and critically analyzing results and development of a thesis.
DENT 690. Teaching Practicum. 1-3 Hours.
PR: Consent. Supervised practice in college teaching of dentistry. Note: This course is intended to insure that graduate assistants are adequately prepared and supervised when they are given college teaching responsibility. It also provides a mechanism for students not on assistantships to gain teaching experience. (Grading may be P/F.).

DENT 697. Research. 1-15 Hours.
PR: Consent. Research activities leading to thesis, problem report, research paper, or equivalent scholarly project, or a dissertation. (Grading may be S/U.).

DENT 700. Anesthesiology. 1 Hour.
Lectures on local anesthesia, including types, modes of action, indications, and contraindications for use. Premedication, toxic effects, and technics of administration are discussed.

DENT 701. Arts & Sciences of Preventive Dentistry. 2 Hours.
Lectures dealing with the philosophy and techniques of preventive dentistry.

DENT 703. Introduction to Patient Care. 3 Hours.
Lectures, laboratory, and clinical experiences designed to develop skill in performing thorough clinical assessments, defining ethical/legal issues in patient care, and performing procedures to prevent and control disease.

DENT 704. Operative Dentistry. 4 Hours.

DENT 706. Interprofessional Education. 0-2 Hours.
PR: Enrollment in the dental curricula. The IPE two semester course involves a series of activities aimed at promoting collaboration, communication and quality and safety among the health professions to ultimately improve patient care.

DENT 707. Introduction to Clinical Dentistry. 2 Hours.
Observing, assisting and actively participating in the provision of limited care to patients assigned to the student clinics in the School of Dentistry.

DENT 710. Dental Anatomy and Occlusion. 4 Hours.
Anatomy of individual teeth, both permanent and primary, in regard to form and function.

DENT 711. Periodontics. 2 Hours.
Introduction to periodontal diseases, their diagnosis and treatment. Laboratory instruction is included.

DENT 712. Dental Materials. 3 Hours.
Composition, physical, chemical, mechanical, and manipulative properties, and technical uses of dental restorative materials as related to dentistry.

DENT 715. Introduction to Community Dentistry. 2 Hours.
PR: DENT 701. Preparation to conduct needs assessment of individuals and groups, and perform program planning, implementation and evaluation. Field experiences are included.

DENT 719. Pedodontics. 1 Hour.

DENT 721. Endodontics. 2 Hours.
Preclinical lectures and laboratory exercises on basic technical and biological requisites in the treatment of diseases of the dental pulp and the periapical tissues.

DENT 722. Tooth-Colored Restorations. 4 Hours.
PR: DENT 710 and DENT 704. Preclinical course to include a variety of esthetic dental procedures. Teeth will be prepared for insertion of tooth colored restorations.

DENT 723. Advanced Restorations and Esthetics in Dentistry. 2 Hours.
PR: DENT 704 and DENT 722. This course will provide complex theory and preclinical instruction in the selection and fabrication of optimal restorations of varied materials that satisfy biologic, mechanical and esthetic requirements.

DENT 725. Practice Management. 1 Hour.
A lecture course designed to prepare dental students in the concepts of four-handed dentistry.

DENT 726. Removable Partial Dentures. 7 Hours.
A didactic and laboratory course that provides the fundamental knowledge and psychomotor skills necessary for the treatment of the partially edentulous patient with a removable partial denture by the general dentist.

DENT 727. Dental/Maxillofacial Radiology. 2 Hours.
Radiographic modalities to make diagnostic images of the dentition and oromazillofacial region, principles of x-ray generation, x-ray machine function, quality assurance, radiation safety and biology, and radiographic interpretation.

DENT 729. Indirect Restorations. 3 Hours.
Lectures related to standard clinical procedures and laboratory instruction in direct and indirect cast gold restorations.
DENT 730. Community Dentistry. 2 Hours.
Lectures provide the student with a basic knowledge of the principles of dental public health practice. Emphasis is placed on preparing students for their rural site rotation(s).

DENT 731. Occlusion. 2 Hours.
PR: Consent. Didactic and clinic/laboratory instruction in the basic techniques and procedures associated with the treatment of conditions related to faulty occlusion.

DENT 732. Periodontics. 1 Hour.
Lectures in the advanced theory and practice of preventive dentistry with emphasis on nutrition.

DENT 733. Advanced Endodontic Theory and Practice. 1 Hour.

DENT 734. Complete Dentures. 6 Hours.
Didactic and laboratory course which identifies, discusses, and develops the fundamental knowledge and psychomotor skills necessary for the treatment of the edentulous patient by the general dentist.

DENT 735. Pediatric Dentistry. 1 Hour.
PR: Consent. Didactic instruction foundational to the dental care to children presented in the following modules of instruction: oral diagnosis/treatment, planning/case presentation, prevention, restorative dentistry, pulpal therapy, management of the developing occlusion and trauma to the dentition and oral structures.

DENT 737. Treatment Planning. 3 Hours.
Introduction to the universal principles of professional treatment planning for adult patients.

DENT 739. Oral Surgery. 1 Hour.
Didactic instruction in basic surgical principles as applied to the extraction of teeth and Dentoalveolar-surgery.

DENT 740. Periodontics. 1 Hour.
Intermediate didactic instruction in periodontal therapy including basic surgery and post-operative care.

DENT 744. Diagnosis and Treatment Planning. 1 Hour.
Analysis of orthodontic diagnostic records, diagnostic skills for various malocclusions, and formulation of a treatment plan for orthodontic cases.

DENT 745. Principles of Orthodontics. 1 Hour.
Facial growth and development, the development of occlusion, and etiology and classification of malocclusions.

DENT 746. Orthodontic Techniques. 1 Hour.
Technical instruction in taking diagnostic records and constructing basic orthodontic appliances.

DENT 747. Management of Medical and Dental Emergencies. 1 Hour.
Assessment and treatment of the medical risk patient as related to the practice of dentistry. CPR instruction included.

DENT 750. Global Outreach in Dentistry. 1 Hour.
DENT 750. Global Outreach in Dentistry. 1 HR. Provides dental students with diverse experiences managing the oral health needs of patients from other cultures very different than their own.

DENT 751. Occlusion. 1 Hour.
PR: Consent. Advanced study of the science of occlusion with particular attention to its impact on the clinical diagnosis and treatment of occlusal disorders.

DENT 752. Community Dentistry. 2 Hours.
Seminars, pro-seminars, and field experience in selected topics of professional communication, health education, and the sociology and psychology of community health.

DENT 754. Introduction to Dental Implantology. 2 Hours.
PR: Consent. Implant diagnosis, treatment planning, selection, placement, restoration, and maintenance are discussed utilizing a multidisciplinary team approach. Surgical and prosthetic experiences are gained during the laboratory sessions.

DENT 755. Clinico-Pathologic Correlation Conference. 1 Hour.
PR: PATH 738 and PATH 753 or consent. Histopathologic correlation with clinical case histories and presenting signs and symptoms presented in a case-based learning format.

DENT 756. Fixed Prosthodontics: Part 1. 4 Hours.
PR: DENT 704 and DENT 712 and DENT 731. Lectures and laboratory exercises introduce students to the techniques of preparing and restoring teeth with single unit crowns. This includes areas of patient assessment and treatment planning.

DENT 757. Fixed Prosthodontics: Part 2. 4 Hours.
PR: DENT 756. Lectures and Laboratory exercises introduce students to the techniques of preparing and restoring teeth with fixed partial dentures. This includes assessment, planning, impression making, laboratory procedures and cementation procedures.
DENT 758. Senior Seminar. 2 Hours.
More complex and advanced techniques for clinical practice in all disciplines in dentistry with emphasis on new developments in oral surgery and endodontics.

DENT 759. Oral Surgery. 2 Hours.

DENT 761. Pediatric Dentistry. 1 Hour.
PR: Consent. Continued didactic instruction in dentistry for the child patient with the following learning packages programmed: abnormal dental development, oral habits, and adolescent dentistry.

DENT 762. Anxiety and Pain Control. 1 Hour.
PR: DENT 700 and DENT 739 and PCOL 760 and PCOL 763. Emphasis on the use of oral agents in obtaining pain and anxiety control in Dentistry.

DENT 763. Periodontics. 2 Hours.
Advanced didactic instruction in periodontal therapy including special surgical procedures.

DENT 765. Orthodontics. 1 Hour.
Introduction to clinical orthodontics; lectures on case analysis, treatment planning, and clinical procedures involved in interceptive, preventive, and adjunctive treatment of malocclusions.

DENT 766. Applied Pediatric Dentistry. 2 Hours.
PR: DENT 719 and DENT 735. Didactic and pre-clinical instruction in the treatment of children's oral health. Includes treatment planning/case presentations, general restorative procedures, management of developing occlusion, and trauma to dentition and oral structures.

DENT 767. Community Dentistry. 1-15 Hours.
Field experience in various aspects of community health.

DENT 770. Clinical Oral Radiology. 0-6 Hours.
Clinical application of principles presented in DENT 703 and DENT 727 with additional instruction in techniques and interpretation of radiographs with special emphasis to role played in oral diagnosis.

DENT 771. Practice Management. 2 Hours.
PR: DENT 725. A lecture series on the fundamentals of practice management, including the organization and development of the practice, personnel and financial management, and the introduction to TEAM dentistry.

DENT 772. Case Based Treatment Planning. 1 Hour.
This course will involve the comprehensive analysis of complex cases in order to formulate an appropriate ideal treatment plan with suitable alternatives. The student must assimilate patient information into the S.O.A.P format and present the case before faculty and peers.

DENT 773. Composite Restorations. 1 Hour.
This course will provide theory and preclinical instruction in the selection and fabrication of optimal composite restorations that satisfy biologic, mechanical and esthetic requirements.

DENT 774. Principles of Medicine. 2 Hours.
General diseases about which the dental student should have intelligent working knowledge. Students are assigned to specific hospitalized patients to review their findings with the class.

DENT 775. Practice Management. 0-6 Hours.
PR: Consent. Clinical practice using auxiliaries, including those trained in expanded functions.

DENT 776. Removable Prosthodontics. 0-6 Hours.
Continued application of the theory and practice of removable prosthodontics.

DENT 777. Periodontics. 0-6 Hours.
Clinical experience in the diagnosis and treatment of periodontal diseases.

DENT 778. Law & Ethics in Dentistry. 2 Hours.
Select legal concepts and the process of ethical decision making as related to the practice of dentistry. Case analysis is the primary method of instruction.

DENT 780. Endodontics. 0-6 Hours.
Clinical endodontic instruction in order to develop the skills and judgment necessary to treat diseases of the dental pulp and their sequelae.

DENT 781. Patient Management 1. 0-4 Hours.
This four semester course in the first year of the clinic curriculum develops professional responsibility and time management through monitoring of patient care activity, which includes treatment, diagnostic reviews and clinic service assignments. (Grading will be Pass/Fail).

DENT 782. Clinical Patient Management 2. 0-2 Hours.
PR: DENT 781. This two-semester course develops professional responsibility and time management through monitoring of patient care activity, which includes treatment, case presentations, diagnostic reviews and clinic service assignments.
DENT 783. Operative Dentistry. 0-6 Hours.
Instruction in the clinic setting includes comprehensive diagnosis and treatment planning, computer assisted records, plaque control, caries control, and single tooth restorations. Sufficient variety and depth of experience occurs to obtain competence for independent practice of operative dentistry.

DENT 784. Oral Surgery. 0-6 Hours.
Clinical instruction in outpatient and inpatient oral surgery necessary to provide comprehensive care for the dental patient.

DENT 785. Orthodontics. 0-6 Hours.
Clinical management of selected malocclusion problems.

DENT 786. Pediatric Dentistry. 0-6 Hours.
Instruction in the clinical setting with the goal of developing the psychomotor skills and judgment necessary to provide comprehensive care for the child patient.

DENT 787. Clinical Oral Diagnosis. 0-6 Hours.
Clinical application of principles presented in DENT 303 and DENT 337, providing opportunities for observation and analysis of clinical problems.

DENT 788. Clinic Completion Practicum. 0-15 Hours.
Supervised patient care in selected clinical areas specified for each individual student according to their clinical competency requirements. (Grading will be S/U.).

DENT 789. Fixed Prosthodontics. 0-6 Hours.
PR: Consent. Clinical application of the theory and practice of crown and bridge dentistry.

DENT 790. Teaching Practicum. 1-3 Hours.
PR: Consent. Supervised practice in college teaching of dentistry. Note: This course is intended to insure that graduate assistants are adequately prepared and supervised when they are given college teaching responsibility. It will also present a mechanism for students not on assistantships to gain teaching experience. (Grading will be P/F.).

DENT 791. Advanced Topics. 1-6 Hours.
PR: Consent. Investigation of advanced topics not covered in regularly scheduled courses.

DENT 792. Directed Study. 1-6 Hours.
Directed study, reading, and/or research.

DENT 793. Special Topics. 1-6 Hours.
A study of contemporary topics selected from recent developments in the field.

DENT 794. Seminar. 1-6 Hours.
Special seminars arranged for advanced graduate students.

DENT 795. Independent Study. 1-9 Hours.
Faculty supervised study of topics not available through regular course offerings.