The University of Michigan School of Dentistry is excited to announce the establishment of an advanced dental education program in Computerized Dentistry. Dentists accepted to the program will complete a full-time (40 hours/week), 12 month curriculum of study and patient care.

The didactic portion of the program consists of lectures, seminars, and laboratory courses. The overwhelming majority of the program time (75%) is dedicated to clinical experience to enhance the practitioner’s knowledge and expertise in the clinical application of this technology.

Overview of the Computerized Dentistry Program Curriculum plan:

SUMMER (July-August) courses
Comprehensive Treatment Planning
   This series of seminars and lab exercises focuses on developing skills for comprehensively treatment planning patients.
Restorative Dentistry Introductory Seminars
   This series of seminars focuses on reviewing commonly used direct and indirect restorative materials and techniques.
Ceramic Dentistry course
   This course consists of seminars and clinical exercises for preparation and delivery of posterior all ceramic onlays and crowns.
Digital Impression course
   This course consists of seminars and clinical exercises to develop knowledge and skills in making digital impressions for fabrication of indirect restorations.

FALL (September-December) courses
Periodontics #786
   This course is taken with the first year graduate Periodontics student that is a comprehensive course on non-surgical and surgical periodontal treatment.
Restorative Dentistry #746
   This course is taken with the first year graduate Operative Dentistry students and is a comprehensive course on esthetic materials and clinical techniques.
Chairside CAD/CAM Dentistry
   This course is a series of seminars and clinical exercises to develop knowledge and skills in the use of the CEREC system for fabrication and delivery of posterior ceramic restorations.
Advanced Digital Impression course
   This course is a series of seminars and clinical exercises to develop knowledge and skills in the use of digital impressions for anterior, full arch, and implant applications. A dental laboratory component of the course includes laboratory procedures not usually accomplished in the dental office.
Laser Dentistry course
This series of seminars and clinical exercises is focused on developing knowledge and skills in using lasers for dental treatment.

WINTER (January-April) courses
Clinical Case Conferences
This series of seminars focuses on developing materials and treatment concepts in the application of digital technology for dental treatment
Advanced Chairside CAD/CAM Restorations
This series of seminars and clinical exercises develop knowledge and skills in the application of chairside CAD/CAM restorations for anterior and implant restorations.
Implant Dentistry course
This series of seminars and clinical exercises develop understanding and skills in applying CBCT and Digital technology for the assessment, planning, and treatment with implant restorations.

SPRING (May-June) courses
Clinical Case Conferences (continued)
This series of seminars focuses on developing materials and treatment concepts in the application of digital technology for dental treatment
Digital Dentistry Case Presentations
This series of seminars involve student presentation of their digital dentistry cases for discussion.
Current Literature Review
This series of seminars focuses on literature review of emerging digital dentistry technology and clinical techniques.

YEAR-LONG (generally once a month) seminars
Treatment Planning Conferences
This series of monthly seminars focuses on student presentation of their clinical cases for group review and discussion with attending faculty.
Oral Medicine Seminars
This series of monthly seminars focuses on assessment and treatment of medically compromised patients as systemic diseases relate to oral health and dental treatment.
Endodontics Seminars
This series of monthly seminars focuses on assessment, diagnosis and treatment of endodontic problems.
Prosthodontic Seminars
This series of monthly seminars focuses on fixed and removable prosthodontic materials and techniques.